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Textile ORGANON

FEATURING MAN-MADE FIBERS

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TEXTILE FIBER END USE SURVEY

The first 12 pages of this ORGANON issue present the results of the latest in a series of surveys of United States textile fiber consumption by end use. Annual data are shown for the seven years 1973 through 1979. The data of this survey for 1973 and forward supersede those of similar earlier surveys.

Compared with last year's survey, the data presentation is essentially the same except that significant revisions herewith in the data for 1973-1978 are indicated by a black circle (•). Also see footnote (r) on page 175. As more reliable data become available, they are incorporated into the survey.

In 1976, some rather significant changes were made in the classifications. The "Other Consumer-Type Products" section was eliminated and divided between the "Apparel" and "Industrial" sections. More significantly, within the "Apparel" section, certain end uses were grouped by fabric weight into Topweight and Bottomweight Fabrics. See the November 1976 and 1977 ORGANON issues for a more detailed discussion of these changes.

When the changes described above are kept in mind, the data in this survey may be used in conjunction with earlier issues of the ORGANON as follows:

YEARS	ORGANON ISSUE
1949-1955	November 1961
1956-1959	January 1966
1960-1963	January 1970
1964-1965	November 1971
1966-1967	November 1973
1968-1969	November 1975
1970	November 1976
1971-1972	November & December 1978

In this manner, a continuous statistical se-

Our usual quarterly review begins on page 182 herewith.

END USE CONSUMPTION CHANGES

	TOTAL FIBER								MAN-MADE FIBER							
	MILLION POUNDS				% OF TOTAL END USE[1]				MILLION POUNDS				% OF TOTAL END USE[1]			
END USE	73-76	1977	1978	1979	73-76	1977	1978	1979	73-76	1977	1978	1979	73-76	1977	1978	1979
APPAREL	4905	5136	5072	5005	42.2	41.6	40.1	38.6	3110	3268	3260	3193	39.0	37.2	35.6	33.7
HOME FURNISHINGS	3515	3820	4033	4115	30.2	30.9	31.9	31.7	2507	2882	3082	3199	31.4	32.8	33.7	33.8
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS	2759	2984	3100	3228	23.7	24.1	24.5	24.9	2163	2438	2582	2761	27.1	27.8	28.2	29.2
EXPORTS	456	418	449	620	3.9	3.4	3.5	4.8	197	193	225	313	2.5	2.2	2.5	3.3
TOTAL END USE	11635	12358	12654	12968	100	100	100	100	7977	8781	9149	9466	100	100	100	100

73-76 means the annual average for the years 1973-1976. The 1977, 1978 & 1979 data are for single years only. All data are drawn from the End Use Consumption Summary table on page 173.

1. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add to 100% vertically in each case.

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ries covering the 30-year span from 1949 through 1978 may be obtained.

FIBERS MEASURED IN THE SURVEY

The man-made fiber data are separated as Rayon+Acetate (the cellulosic fibers) and Other, which are the non-cellulosic fibers plus textile glass fiber. Except for carpets, no separation of the data by generic type within the end uses is shown. For a description of the man-made fibers included, see footnote (2) under General Notes on page 175.

The cotton end use data cover raw cotton. Cotton waste and cotton linters poundages are excluded, except as described in the following section on waste.

The wool data cover both virgin and reprocessed and reused wool.

In all cases, the objective is to measure the amount of raw fiber required to produce the end use item concerned.

Silk, linen, jute, sisal, etc., are used in many of the products covered by the survey. But no poundage data for these fibers are included in the tables on pages 174-180. For comparison purposes, however, the total imports of these fibers are presented in the lower table on page 171. Further reference to these fibers is made in the General Notes on page 175.

WASTE FIBER COVERAGE IN THE SURVEY

Textile fiber waste is handled three different ways in the survey. First, end uses which employ waste fiber, either wholly or in part without preliminary processing, are not included, e.g., furniture stuffing, mattress felts, punched or needled felts for carpet & rug underlays, pressed wool felts, some nonwoven fabrics, etc.

Second, for certain end uses which utilize both new fiber and the fiber derived from processed waste, the poundages shown have been calculated so as to exclude the waste component insofar as possible, e.g., the cotton waste in Towels & Toweling (Item 48), Twine (Item 73), etc.

Conversely and third, waste which has

(Continued on page 172)

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Textile **ORGANON**

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MILL CONSUMPTION+SEMI-MFRD. IMPORTS - MILLION POUNDS

	MAN-MADE FIBERS								COTTON			WOOL					MILL CONS-IMPORTS AVAILABLE
	MILL CONSUMPTION[1]																
	RAYON-ACETATE			NON-CELLULOSIC-TEXT GLASS													
YEAR	YARN	STAPLE[2]	TOTAL	YARN	STAPLE[2]	TOTAL	IM-PORTS[3]	TOTAL	MILL CONS[1]	IM-PORTS[3]	TOTAL	MILL CONS[1]	REPRO-CESSED & REUSED[4]	COTTON SYSTEM[4]	IM-PORTS[3]	TOTAL	
1973	608.0	781.2	1389.2	4089.8	3185.2	7275.0	139.5	8803.7	3643.3	343.7	3987.0	182.1	19.8	1.5	17.7	221.1	13.011.8
1974	482.6	625.0	1107.6	3865.2	2725.2	6590.4	89.8	7787.8	3306.1	280.5	3586.6	116.5	18.6	1.0	15.2	151.3	11.525.7
1975	377.8	424.2	802.0	3802.1	2812.4	6614.5	89.6	7506.1	3068.7	238.1	3306.8	132.0	14.8	0.8	12.8	160.4	10.973.3
1976	339.6	515.7	855.3	3888.8	3308.4	7197.2	103.4	8155.9	3389.0	351.4	3740.4	145.9	14.8	3.0	18.0	181.7	12.078.0
1977	351.0	517.2	868.2	4345.2	3674.1	8019.3	127.6	9015.1	3169.8	258.1	3427.9	133.9	16.7	4.1	25.3	180.0	12.623.0
1978	363.3	516.4	879.7	4580.8	3767.2	8348.0	169.3	9397.0	3040.4	330.7	3371.1	141.6	16.8	3.0	31.9	193.3	12.961.4
1979	356.7	473.9	830.6	4740.2	3894.1	8634.3	119.1	9584.0	3066.4	249.1	3315.5	134.5	16.4	2.5	25.8	179.2	13.078.7

1. Mill Consumption is taken from page 28 of the March 1980 ORGANON issue plus subsequent revisions.
2. Man-Made staple includes waste.
3. Imports are taken from page 29 of the March issue and comprise semimanufactured goods; see the footnotes there.
4. These poundages of reprocessed and reused wool, as well as wool consumed on the cotton spinning system, are not included in the mill consumption series for wool (see page 36 of the February 1970 ORGANON). However, they are considered here as part of the available supply of wool as shown in the table below.

END USE VS. AVAILABLE SUPPLY - MILLION POUNDS & *Percent*

	1973			1974			1975			1976			1977			1978			1979		
FIBERS	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]	AVAIL-ABLE[1]	END USE[2]	%[3]
COTTON	3987	3719	*93.3*	3587	3480	*97.0*	3307	3240	*98.0*	3740	3503	*93.7*	3428	3400	*99.2*	3371	3317	*98.4*	3316	3327	*100.3*
WOOL	221	213	*96.4*	151	147	*97.4*	160	155	*96.9*	182	175	*96.2*	180	177	*98.3*	193	188	*97.4*	179	175	*97.8*
TOTAL COTTON & WOOL	**4208**	**3932**	*93.4*	**3738**	**3627**	*97.0*	**3467**	**3395**	*97.9*	**3922**	**3678**	*93.8*	**3608**	**3577**	*99.1*	**3564**	**3505**	*98.3*	**3495**	**3502**	*100.2*
R-A - YARN[4]	618	610	*98.7*	490	488	*99.6*	391	386	*98.7*	350	345	*98.6*	360	352	*97.8*	373	367	*98.4*	364	363	*99.7*
- STAPLE[5]	785	791	*100.7*	630	650	*103.2*	435	455	*104.6*	528	533	*100.9*	530	526	*99.2*	532	518	*97.4*	485	482	*99.4*
NON-CELL - YARN[4]	3504	3447	*98.4*	3276	3238	*98.8*	3304	3265	*98.8*	3249	3191	*98.2*	3600	3489	*96.9*	3758	3645	*97.0*	3863	3868	*100.1*
- STAPLE[5]	3221	3208	*99.6*	2761	2886	*104.5*	2842	2838	*99.9*	3351	3381	*100.9*	3734	3732	*99.9*	3847	3873	*100.7*	3950	3976	*100.7*
TOTAL MAN-MADE ABOVE	**8128**	**8056**	*99.1*	**7157**	**7262**	*101.5*	**6972**	**6944**	*99.6*	**7478**	**7450**	*99.6*	**8224**	**8099**	*98.5*	**9510**	**8403**	*98.7*	**8662**	**8689**	*100.3*
TEXTILE GLASS FIBER	676	623	*92.2*	631	570	*90.3*	534	489	*91.6*	678	605	*89.2*	791	682	*86.2*	887	746	*84.1*	922	777	*84.3*
TOTAL FIBERS ABOVE	**13012**	**12.611**	*96.9*	**11.526**	**11.459**	*99.4*	**10.973**	**10.828**	*98.7*	**12078**	**11.733**	*97.1*	**12.623**	**12.358**	*97.9*	**12961**	**12.654**	*97.6*	**13079**	**12.968**	*99.2*

1. Available means mill consumption plus the imports of semi-manufactured products - from the table above.
2. End Use from the upper section of the page 173 table.
3. End Use as a percentage of Available.
4. Yarn includes monofilaments.
5. Staple includes tow, fiberfill and waste.

IMPORTS FOR CONSUMPTION - MILLION POUNDS

	SILK				LINEN				JUTE				SISAL & OTHERS				TOTAL IMPORTS (TO THE LEFT)
YEAR	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	
1973	3.4	2.2	0.8	6.4	2.4	7.9	54.3	64.6	69.2	865.7	10.5	945.4	141.1	7.4	303.1	451.6	1468.0
1974	2.6	1.0	0.6	4.2	2.2	6.8	34.3	43.3	62.4	798.4	9.7	870.5	133.6	8.9	386.8	529.3	1447.3
1975	1.0	0.9	0.7	2.6	0.8	4.3	28.4	33.5	46.9	488.8	20.8	556.5	84.7	8.4	218.9	312.0	904.6
1976	2.8	1.4	1.3	5.5	0.9	4.8	34.3	40.0	46.2	583.3	60.9	690.4	102.2	7.6	271.3	381.1	1117.0
1977	1.6	2.0	1.8	5.4	0.4	3.4	35.2	39.0	26.7	597.9	29.2	653.8	115.9	3.7	253.6	373.2	1071.4
1978	2.0	3.6	3.5	9.1	1.0	5.2	36.2	42.4	37.6	588.6	38.2	664.4	127.8	8.4	234.0	370.2	1086.1
1979	1.5	2.8	3.9	8.2	0.9	5.1	27.2	33.2	48.5	488.8	13.5	550.8	117.0	4.7	304.8	426.5	1018.7

SOURCE: U.S. Census Bureau.

Because these fibers are not grown in the United States (flax production is nominal), imports are taken as the total available supply.

SILK. **Raw material** means raw silk plus silk waste & noils. **Semimanufactured** means spun & thrown silk yarns and silk fabrics. **Finished goods** are mainly scarves, handkerchiefs, blouses and laces.

LINEN. **Raw material** includes hackled and unhackled flax, noils, tow & straw. **Semimanufactured** includes linen yarn, sliver & roving. **Finished goods** are mainly fabrics, handkerchiefs, toweling, napery & dresses.

JUTE. **Raw material** includes unmanufactured jute and jute butts. **Semimanufactured** means yarn & roving, new & waste bagging and burlap in the piece. **Finished goods** are mainly cordage, bags and webbing.

SISAL & OTHERS includes all of the *hard or leaf fibers* (e.g., abaca or manila hemp, coir, crin, henequen, istle or tampico, sisal, etc.) **imported** into the United States plus the *soft or bast fibers* (e.g., hemp, ramie, sunn, etc.) except flax or linen and jute, which are tabulated separately here. **Semimanufactured** are chiefly coir yarns & roving. **Finished goods** are mainly cordage and twine.

TEXTILE MILL CONSUMPTION IN THE MAIN END USES FOR SEVEN EEC COUNTRIES[1]

MILLION POUNDS & *Percent*

END USE & YEAR	GRAND TOTAL LBS	GRAND TOTAL %[2]	GRAND TOTAL %[3]	COTTON LBS	COTTON %[2]	COTTON %[3]	WOOL LBS	WOOL %[2]	WOOL %[3]	MAN-MADE FIBERS[4] LBS	MAN-MADE FIBERS %[2]	MAN-MADE FIBERS %[3]	MAN-MADE FIBER DETAIL (EXCEPT GLASS FIBER) RAYON-ACETATE TOTAL LBS	RAYON-ACETATE TOTAL %[2]	RAYON-ACETATE TOTAL %[3]	RAYON-ACETATE YARN LBS	RAYON-ACETATE STAPLE LBS	NON-CELLULOSIC TOTAL LBS	NON-CELLULOSIC TOTAL %[2]	NON-CELLULOSIC TOTAL %[3]	NON-CELLULOSIC YARN LBS	NON-CELLULOSIC STAPLE LBS
TOTAL END USE CONSUMPTION																							
1973	8459	100	100	2207	26.1	100	982	11.6	100	5270	62.3	100	1625	19.2	100	523	1102	3645	43.1	100	1517	2128
1974	7615	100	100	2201	28.9	100	852	11.2	100	4562	59.9	100	1454	19.1	100	465	989	3108	40.8	100	1336	1772
1975	7032	100	100	1987	28.2	100	848	12.1	100	4197	59.7	100	1125	16.0	100	394	731	3072	43.7	100	1383	1689
1976	7997	100	100	2286	28.6	100	945	11.8	100	4766	59.6	100	1229	15.4	100	412	817	3537	44.2	100	1471	2066
1977	7523	100	100	2047	27.2	100	914	12.2	100	4562	60.6	100	1155	15.4	100	386	769	3407	45.2	100	1423	1984
1978	7841	100	100	2044	26.1	100	920	11.7	100	4877	62.2	100	1139	14.5	100	384	755	3738	47.7	100	1499	2239
APPAREL																						
1973	4429	100	52.4	979	22.1	44.3	688	15.5	70.0	2762	62.4	52.4	659	14.9	40.6	241	418	2103	47.5	57.7	904	1199
1974	3808	100	50.0	951	25.0	43.2	587	15.4	69.0	2270	59.6	49.8	557	14.6	38.3	203	354	1713	45.0	55.1	757	956
1975	3588	100	51.0	862	24.0	43.4	596	16.6	70.3	2130	59.4	50.7	425	11.9	37.8	197	228	1705	47.5	55.5	791	914
1976	4181	100	52.3	1048	25.1	45.8	678	16.2	71.8	2455	58.7	51.5	479	11.4	38.9	193	286	1976	47.3	55.9	805	1171
1977	3800	100	50.5	936	24.6	45.8	644	16.9	70.4	2220	58.5	48.7	423	11.1	36.6	173	250	1797	47.4	52.8	753	1044
1978	4009	100	51.1	929	23.2	45.5	641	16.0	69.7	2439	60.8	50.0	434	10.9	38.1	190	244	2005	49.9	53.6	817	1188
CARPETS																						
1973	1036	100	12.2	26	2.5	1.2	191	18.4	19.5	819	79.1	15.5	101	9.8	6.2	--	101	718	69.3	19.7	251	467
1974	898	100	11.8	24	2.7	1.1	169	18.9	19.8	705	78.4	15.4	84	9.4	5.8	--	84	621	69.0	20.0	227	394
1975	863	100	12.3	26	3.0	1.3	166	19.2	19.6	671	77.8	16.0	68	7.8	6.0	--	68	603	70.0	19.6	242	361
1976	930	100	11.6	23	2.5	1.0	165	17.7	17.4	742	79.8	15.6	48	5.2	3.9	--	48	694	74.6	19.6	278	416
1977	935	100	12.4	19	2.0	0.9	164	17.5	17.9	752	80.5	16.5	38	4.1	3.3	--	38	714	76.4	21.0	273	441
1978	989	100	12.6	19	1.9	0.9	169	17.1	18.4	801	81.0	16.4	32	3.2	2.8	--	32	769	77.8	20.6	273	496
OTHER HOME FURNISHINGS																						
1973	1762	100	20.8	781	44.3	35.4	73	4.2	7.4	908	51.5	17.2	418	23.7	25.7	54	364	490	27.8	13.5	138	352
1974	1704	100	22.4	787	46.2	35.8	68	4.0	8.0	849	49.8	18.6	400	23.5	27.5	48	352	449	26.3	14.5	123	326
1975	1499	100	21.3	701	46.8	35.3	60	4.0	7.1	738	49.2	17.6	303	20.2	26.9	37	266	435	29.0	14.2	118	317
1976	1705	100	21.3	791	46.4	34.6	73	4.3	7.7	841	49.3	17.6	348	20.4	28.4	45	303	493	28.9	13.9	125	368
1977	1641	100	21.8	721	43.9	35.2	74	4.5	8.2	846	51.6	18.5	330	20.1	28.6	37	293	516	31.5	15.1	134	382
1978	1708	100	21.8	734	43.0	35.9	78	4.6	8.5	896	52.4	18.4	323	18.9	28.3	38	285	573	33.5	15.3	146	427
TIRES																						
1973	266	100	3.2	15	5.6	0.7	--	--	--	251	94.4	4.8	195	73.4	12.0	195	--	56	21.0	1.5	56	--
1974	260	100	3.4	15	5.8	0.7	--	--	--	245	94.2	5.4	191	73.3	13.1	190	1	54	20.9	1.7	54	--
1975	213	100	3.0	13	6.0	0.6	--	--	--	200	94.0	4.8	140	66.0	12.5	140	+	60	28.0	1.9	60	--
1976	231	100	2.9	11	4.8	0.5	--	--	--	220	95.2	4.6	149	64.5	12.1	149	+	71	30.7	2.0	71	--
1977	223	100	3.0	7	3.1	0.3	--	--	--	216	96.9	4.7	150	67.3	13.0	150	+	66	29.6	1.9	66	--
1978	196	100	2.5	6	3.1	0.3	--	--	--	190	96.9	3.9	134	68.4	11.8	134	--	56	28.5	1.5	56	--
OTHER INDUSTRIAL USES																						
1973	966	100	11.4	406	42.0	18.4	30	3.1	3.1	530	54.9	10.1	252	26.1	15.5	33	219[5]	278	28.8	7.6	168	110
1974	945	100	12.4	424	44.9	19.2	28	3.0	3.2	493	52.1	10.8	222	23.5	15.3	24	198[5]	271	28.6	8.7	175	96
1975	869	100	12.4	385	44.3	19.4	26	3.1	3.0	458	52.6	10.9	189	21.7	16.8	20	169[5]	269	30.9	8.8	172	97
1976	950	100	11.9	413	43.5	18.1	29	3.1	3.1	508	53.4	10.7	205	21.6	16.7	25	180[5]	303	31.8	8.6	192	111
1977	924	100	12.3	364	39.4	17.8	32	3.5	3.5	528	57.1	11.6	214	23.2	18.5	26	188[5]	314	33.9	9.2	197	117
1978	939	100	12.0	356	37.9	17.4	32	3.4	3.4	551	58.7	11.3	216	23.0	19.0	22	194[5]	335	35.7	9.0	207	128

SOURCE: Comité International de la Rayonne et des Fibres Synthetiques, Paris, France.

1. Belgium, France, Italy, Luxembourg, Netherlands, West Germany and the United Kingdom.
2. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.
3. The percentages in these columns show the share of each fiber in the various end uses. They add vertically to the 100% shown under Total End Use Consumption columns.
4. Excludes olefin film fiber and textile glass fiber.
5. Includes acetate tow for cigarette filters.

COMPARISON OF EUROPEAN AND U.S. DATA

The tables above and opposite show the end use comparisons between western Europe (courtesy of CIRFS) and the United States by the major categories. Although cotton holds a similar market share in both areas, wool has a 12% share of the western European market compared with a 1% share in the U.S. Correspondingly, the man-made fibers have a 62% share of the market in western Europe compared with 73% in the United States.

END USE CONSUMPTION SUMMARY - MILLION POUNDS & *Percent*

END USE & YEAR	GRAND TOTAL LBS	GRAND TOTAL %[1]	GRAND TOTAL %[2]	COTTON LBS	COTTON %[1]	COTTON %[2]	WOOL LBS	WOOL %[1]	WOOL %[2]	MAN-MADE FIBERS LBS	MAN-MADE FIBERS %[1]	MAN-MADE FIBERS %[2]	MAN-MADE FIBER DETAIL RAYON-ACETATE TOTAL LBS	RAYON-ACETATE TOTAL %[1]	RAYON-ACETATE TOTAL %[2]	RAYON-ACETATE YARN LBS	RAYON-ACETATE STAPLE LBS	OTHER (NON CELL-TEXT GLASS) TOTAL LBS	OTHER (NON CELL-TEXT GLASS) TOTAL %[1]	OTHER (NON CELL-TEXT GLASS) TOTAL %[2]	OTHER (NON CELL-TEXT GLASS) YARN LBS	OTHER (NON CELL-TEXT GLASS) STAPLE LBS
TOTAL END USE CONSUMPTION																						
1973	12.521	100	100	3719	29.7	100	213	1.7	100	8589	68.6	100	1400	11.2	100	609	791	7189	57.4	100	3981	3208
1974	11.459	100	100	3480	30.4	100	147	1.3	100	7832	68.3	100	1138	9.9	100	488	650	6694	58.4	100	3808	2886
1975	10.828	100	100	3240	29.9	100	155	1.4	100	7433	68.7	100	841	7.8	100	386	455	6592	60.9	100	3754	2838
1976	11.733	100	100	3503	29.9	100	175	1.5	100	8055	68.6	100	878	7.5	100	345	533	7177	61.1	100	3796	3381
1977	12.358	100	100	3400	27.5	100	177	1.4	100	8781	71.1	100	878	7.1	100	352	526	7903	64.0	100	4171	3732
1978	12.654	100	100	3317	26.2	100	188	1.5	100	9149	72.3	100	885	7.0	100	367	518	8264	65.3	100	4391	3873
1979	12.968	100	100	3327	25.7	100	175	1.3	100	9466	73.0	100	845	6.5	100	363	482	8621	66.5	100	4645	3976
APPAREL																						
1973	5292	100	42.3	1757	33.2	47.3	126	2.4	59.2	3409	64.4	39.7	593	11.2	42.3	373	220	2816	53.2	39.2	1456	1360
1974	4778	100	41.7	1678	35.1	48.3	69	1.9	60.6	3011	63.0	38.5	432	9.0	38.0	282	150	2579	54.0	38.5	1377	1202
1975	4670	100	43.1	1563	33.5	48.2	104	2.2	67.1	3003	64.3	40.4	333	7.1	39.6	253	80	2670	57.2	40.5	1520	1150
1976	4882	100	41.6	1736	35.6	49.6	127	2.6	72.6	3019	61.8	37.5	290	5.9	33.1	213	77	2729	55.9	38.0	1333	1396
1977	5136	100	41.6	1735	33.8	51.0	133	2.6	75.1	3268	63.6	37.2	300	5.8	34.2	214	86	2968	57.8	37.5	1467	1501
1978	5072	100	40.1	1672	33.0	50.4	140	2.8	74.5	3260	64.2	35.6	303	6.0	34.2	221	82	2957	58.2	35.8	1463	1494
1979	5005	100	38.6	1678	33.5	50.4	134	2.7	76.6	3193	63.8	33.7	346	6.9	41.0	244	102	2847	56.9	33.0	1373	1474
HOME FURNISHINGS																						
1973	3880	100	31.0	1087	28.0	29.2	53	1.4	24.9	2740	70.6	31.9	329	8.5	23.6	84	245	2411	62.1	33.5	971	1440
1974	3409	100	29.7	965	28.3	27.7	33	1.0	22.4	2411	70.7	30.8	258	7.6	22.7	68	190	2153	63.1	32.2	921	1232
1975	3257	100	30.1	907	27.8	28.0	32	1.0	20.6	2318	71.2	31.2	178	5.5	21.2	48	130	2140	65.7	32.4	905	1235
1976	3512	100	29.9	921	26.2	26.3	33	0.9	18.8	2558	72.9	31.7	217	6.2	24.7	45	172	2341	66.7	32.6	910	1431
1977	3820	100	30.9	906	23.7	26.7	32	0.8	18.1	2882	75.5	32.8	211	5.5	24.0	52	159	2671	70.0	33.8	1045	1626
1978	4033	100	31.9	916	22.7	27.6	35	0.9	18.6	3082	76.4	33.7	235	5.8	26.6	55	180	2847	70.6	34.4	1146	1701
1979	4115	100	31.7	890	21.6	26.8	26	0.6	14.9	3199	77.8	33.8	187	4.5	22.1	46	141	3012	73.3	34.9	1245	1767
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS																						
1973	2934	100	23.4	655	22.3	17.6	9	0.3	4.2	2270	77.4	26.4	436	14.9	31.1	137	299	1834	62.5	25.5	1497	337
1974	2780	100	24.3	582	20.9	16.7	10	0.3	6.8	2188	78.8	27.9	393	14.1	34.5	117	276	1795	64.7	26.8	1438	357
1975	2459	100	22.7	535	21.8	16.5	6	0.2	3.9	1918	78.0	25.8	280	11.4	33.3	62	218	1638	66.6	24.9	1261	377
1976	2863	100	24.4	579	20.2	16.5	8	0.3	4.6	2276	79.5	28.3	318	11.1	36.2	61	257	1958	68.4	27.3	1487	471
1977	2984	100	24.1	538	18.0	15.8	8	0.3	4.5	2438	81.7	27.8	316	10.6	36.0	63	253	2122	71.1	26.9	1598	524
1978	3100	100	24.5	509	16.4	15.4	9	0.3	4.8	2582	83.3	28.2	303	9.8	34.2	69	234	2279	73.5	27.6	1706	573
1979	3228	100	24.9	458	14.2	13.8	9	0.3	5.1	2761	85.5	29.2	279	8.6	33.0	52	227	2482	76.9	28.8	1799	683
EXPORTS OF DOMESTIC PRODUCTS																						
1973	415	100	3.3	220	53.0	5.9	25	6.0	11.7	170	41.0	2.0	42	10.1	3.0	15	27	128	30.9	1.8	57	71
1974	492	100	4.3	255	51.8	7.3	15	3.1	10.2	222	45.1	2.8	55	11.2	4.8	21	34	167	33.9	2.5	72	95
1975	442	100	4.1	235	53.2	7.3	13	2.9	8.4	194	43.9	2.6	50	11.3	5.9	23	27	144	32.6	2.2	68	76
1976	476	100	4.1	267	56.1	7.6	7	1.5	4.0	202	42.4	2.5	53	11.1	6.0	26	27	149	31.3	2.1	66	83
1977	418	100	3.4	221	52.8	6.5	4	1.0	2.3	193	46.2	2.2	51	12.2	5.8	23	28	142	34.0	1.8	61	81
1978	449	100	3.5	220	49.0	6.6	4	0.9	2.1	225	50.1	2.5	44	9.8	5.0	22	22	181	40.3	2.2	76	105
1979	620	100	4.8	301	48.5	9.0	6	1.0	3.4	313	50.5	3.3	33	5.3	3.9	21	12	280	45.2	3.3	228	52

1. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

2. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add vertically to the 100% shown under Total End Use Consumption.

(Continued from page 170)

been processed into usable spinnable fiber is included in the poundages shown for Blankets (Item 46), Carpets & Rugs (Item 50), Drapery & Upholstery (Item 52) and a number of other applications. In these products, fiber derived from waste by preliminary processing, and especially the man-made fiber poundages, is a significant and measured part of the total end use.

OUTLINE AND COVERAGE OF THE SURVEY

The tabulations on pages 174-180 show the poundages of the itemized textile fibers consumed in the production of the named end use products in United States establishments. Because they are not manufactured in domestic mills, the substantial imports of finished products, such as apparel, blankets, table-

(Continued on page 180)

APPAREL[1]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2] TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE	COTTON	WOOL
TOTAL APPAREL	1973	5291.8	3408.9	372.6	220.3	1458.0	1360.0	1756.9	126.0
	1974	4777.6	3010.7	282.1	149.4	1377.2	1202.0	1677.6	89.3
	1975	4670.1	3803.8	253.0	79.9	1520.9	1150.0	1562.7	103.6
	1976	4881.5	3018.2	212.5	77.0	1333.3	1395.4	1736.0	127.3
	1977	5135.6	3268.4	214.1	86.2	1467.1	1501.0	1734.7	132.5
	1978	5072.2	3280.3	221.5	81.8	1463.5	1493.5	1671.5	140.4
	1979	5004.9	3192.8	243.9	102.4	1372.5	1474.0	1678.1	134.0
40 SHEER HOSIERY (W)*	1973	56.9	56.9	0.2	--	56.7	--	--	--
	1974	45.8	45.8	0.2	--	45.6	--	--	--
	1975	52.6	52.6	--	--	52.6	--	--	--
	1976	56.2	56.2	--	--	56.2	--	--	--
	1977	54.7	54.7	--	--	54.7	--	--	--
	1978	60.9	60.9	--	--	60.9	--	--	--
	1979	66.1	66.1	--	--	66.1	--	--	--
19-41 ANKLETS & SOCKS (MW)*	1973	123.1	87.6	--	--	50.0	37.6	32.5	3.0
	1974	120.7	85.7	--	0.1	43.0	42.6	32.3	2.7
	1975	131.1	96.2	--	0.1	53.1	43.0	31.9	3.0
	1976	140.9	99.7	--	0.2	48.6	50.9	39.2	2.0
	1977	165.9	129.2	--	0.4	55.9	72.9	34.7	2.0
	1978	176.3	136.3	--	0.3	56.0	80.0	38.0	2.0
	1979	164.3	131.4	--	0.5	52.7	78.2	30.4	2.5
8-29 SWEATERS & RELATED ACCESSORIES (MW)*	1973	126.3	97.9	--	c	13.3	84.6	8.4	20.0
	1974	105.7	82.8	--	c	9.9	72.9	7.7	15.2
	1975	100.4	83.2	--	c	9.1	74.1	7.1	10.1
	1976	125.2	109.3	--	c	7.7	101.6	6.9	9.0
	1977	166.3	147.2	--	0.7	16.8	129.7	7.6	11.5
	1978	155.3	136.2	--	0.7	9.8	125.7	r7.4	11.7
	1979	130.8	109.1	--	0.7	10.0	98.4	7.4	14.3
57 CRAFT & HANDWORK YARNS*	1973	111.6	89.7	--	7.7	--	82.0	10.9	11.0
	1974	82.8	69.4	--	3.7	--	65.7	9.7	3.7
	1975	110.3	98.0	--	6.3	--	91.7	r10.1	r2.2
	1976	91.7	84.5	--	3.4	--	81.1	5.0	r2.2
	1977	111.6	105.4	--	3.3	--	102.1	4.2	r2.0
	1978	113.1	107.3	--	1.7	c	105.6	3.8	r2.0
	1979	r8.7	110.8	--	0.9	c	109.9	3.7	4.2
16-18 UNDERWEAR & NIGHTWEAR (M)*	1973	277.9	47.9	2.0	0.1	1.5	44.3	229.3	0.7
	1974	255.0	44.0	1.0	--	1.7	41.3	210.4	0.6
	1975	250.2	63.6	--	--	4.0	59.6	185.9	0.7
SILK	1976	257.0	59.2	--	--	2.0	57.2	196.9	0.9
	1977	251.7	66.5	--	--	6.3	60.2	184.2	1.0
	1978	254.0	71.9	--	0.3	14.6	57.0	181.1	1.0
	1979	261.0	85.8	--	0.8	21.3	63.7	174.2	1.0
35-39 UNDERWEAR, NIGHTWEAR BRAS AND FOUNDATIONS (W)*	1973	314.0	243.3	62.2	2.5	151.5	27.1	70.0	0.7
	1974	244.8	189.9	54.1	1.6	111.5	22.7	54.3	0.6
	1975	206.2	153.5	31.1	0.5	111.7	10.2	51.9	0.8
	1976	199.3	146.7	23.0	1.5	110.4	11.8	51.6	1.0
	1977	242.7	185.9	19.2	2.2	148.7	15.8	55.8	1.0
SILK	1978	246.1	190.3	14.7	3.2	141.7	30.7	54.8	1.0
	1979	240.8	184.1	18.7	2.1	137.5	25.8	55.7	1.0
10-31 ROBES & LOUNGEWEAR (MW)*	1973	93.6	68.7	36.7	--	25.0	7.0	23.9	1.0
	1974	93.8	71.1	36.8	--	31.3	3.0	21.7	1.0
	1975	83.6	61.9	32.4	--	26.6	2.9	20.2	1.5
SILK	1976	99.1	76.5	39.8	--	33.6	r3.1	20.6	2.0
	1977	113.9	91.2	56.3	--	30.4	r4.5	20.2	2.5
	1978	132.3	111.1	70.3	--	33.7	r7.1	19.2	2.0
	1979	131.9	110.8	60.5	0.9	36.2	13.2	18.6	2.5

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2] TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE	COTTON	WOOL
54a HIGH PILE FABRICS*	1973	95.6	95.6	--	--	2.6	93.0		
	1974	87.9	87.9	--	--	3.9	84.0	IN	IN
	1975	110.1	110.1	--	--	3.1	107.0	ITEM	ITEM
	1976	114.5	114.5	--	r0.1	3.1	111.3	54b	54b
	1977	132.3	132.3	--	0.3	6.2	125.2	BELOW	BELOW
	1978	121.1	121.1	--	0.3	10.5	110.3		
	1979	109.0	109.0	c	0.4	13.5	95.1		
54b FABRICS FOR LINING*	1973	240.7	145.0	76.0	29.0	24.0	16.0	93.1	2.6
	1974	204.6	121.6	54.5	20.5	r26.1	20.5	80.5	2.5
	1975	208.1	132.9	74.1	12.9	22.4	23.5	72.4	2.8
	1976	237.5	159.1	101.5	9.2	27.8	20.6	75.2	3.2
	1977	233.3	159.0	98.4	r8.7	25.3	26.6	68	3.5
	1978	225.1	156.5	98.2	r7.1	23.8	27.4	65.6	3.0
	1979	229.6	160.5	100.9	8.7	24.0	26.9	66.6	2.5
43 APPAREL LACE (W)*	1973	7.5	5.5	2.0	--	3.5	--	2.0	--
	1974	6.2	4.7	2.5	--	2.2	--	1.5	--
	1975	7.9	6.4	5.0	--	1.4	--	1.5	--
	1976	6.8	5.3	3.5	--	1.8	--	1.5	--
	1977	8.0	6.5	3.5	--	r3.0	--	1.5	--
	1978	10.0	8.5	3.7	--	4.8	--	1.5	--
	1979	6.8	5.3	1.7	--	3.6	--	1.5	--
55 RETAIL PIECE GOODS*	1973	484.2	342.0	10.0	16.0	250.0	66.0	137.2	5.0
	1974	510.5	369.0	10.0	14.0	275.0	70.0	137.5	4.0
	1975	543.1	398.0	8.0	10.0	280.0	100.0	140.6	4.5
	1976	523.2	385.0	4.0	11.0	250.0	120.0	132.2	6.0
	1977	481.1	352.0	3.0	9.0	210.0	130.0	124.1	5.0
	1978	450.2	334.0	2.0	9.0	181.0	142.0	110.5	5.7
	1979	419.3	324.0	2.0	10.0	136.0	176.0	89.3	6.0
56a NARROW FABRICS*	1973	69.4	32.5	19.5	6.0	r6.0	1.0	36.9	--
	1974	62.8	31.3	16.0	6.5	r7.0	1.8	31.5	--
	1975	54.5	25.4	9.4	4.1	r9.3	2.6	29.1	--
	1976	48.1	22.5	7.7	r0.6	11.4	r2.8	25.6	--
	1977	42.9	23.3	5.7	0.6	13.4	3.6	19.6	--
	1978	54.6	29.6	5.6	0.2	15.7	8.1	r25.0	--
	1979	47.4	24.4	5.1	0.4	12.1	6.8	23.0	--
OTHER APPAREL & ACCESSORIES (MW)*	1973	74.0	4.3	--	--	0.9	3.4	69.7	--
	1974	81.0	4.5	--	--	1.0	3.5	76.5	--
	1975	63.0	3.0	--	--	0.6	2.4	60.0	--
SILK, LINEN	1976	65.0	3.7	--	--	0.7	3.0	61.3	--
	1977	81.2	3.2	--	--	0.8	2.4	r78.0	--
	1978	83.2	4.6	--	--	1.0	3.6	r78.6	--
	1979	87.2	11.5	--	--	2.5	9.0	75.7	--
TOP- OR BOTTOMWEIGHT FABRICS (NON-ADD)									
TOPWEIGHT FABRICS*	1975	879.5	597.0	79.0	36.0	214.0	268.0	281.0	1.5
	1976	898.0	560.0	26.0	35.0	157.0	342.0	336.0	2.0
	1977	983.0	630.0	19.0	43.0	206.0	362.0	351.0	2.0
	1978	1053.5	696.0	18.0	42.0	263.0	373.0	355.0	2.5
	1979	984.5	630.0	33.0	49.0	265.0	283.0	352.0	2.5
BOTTOMWEIGHT FABRICS*	1975	1869.5	1122.0	14.0	10.0	733.0	365.0	671.0	76.5
	1976	2019.0	1136.0	7.0	16.0	623.0	490.0	784.0	99.0
	1977	2067.0	1182.0	9.0	18.0	689.0	466.0	783.0	102.0
	1978	1936.5	1096.0	9.0	17.0	647.0	423.0	731.0	109.5
	1979	2007.5	1130.0	22.0	28.0	592.0	488.0	780.0	97.5
SUBTOTAL TOP- & BOTTOMWEIGHT FABRICS*	1973	3217.0	2092.0	164.0	159.0	871.0	898.0	1043.0	82.0
	1974	2876.0	1803.0	107.0	103.0	819.0	r774.0	1014.0	59.0
	1975	2749.0	1719.0	93.0	r46.0	947.0	633.0	952.0	78.0
	1976	2917.0	1696.0	r33.0	r51.0	780.0	832.0	1120.0	101.0
	1977	3050.0	1812.0	r28.0	61.0	895.0	r828.0	1134.0	104.0
	1978	2990.0	1792.0	r27.0	59.0	910.0	796.0	1086.0	112.0
	1979	2992.0	1760.0	55.0	77.0	857.0	771.0	1132.0	100.0

NOTES FOR APPAREL ITEMS ABOVE

1. For all lettered and general footnotes to this table, see notes on page 175 opposite.

40. SHEER HOSIERY (W) includes full-fashioned & seamless full-length, pantyhose, knee-highs and surgical hosiery. Bodywear is in Items 35-39.

19-41. ANKLETS & SOCKS (MW) includes men's and women's foot socks, anklets and nonsheer knee-high hose. Also includes men's midcalf and surgical hose.

8-29. SWEATERS (MW) includes knitted sweater shirts, coats, jackets and related accessories. Also note Item 57.

57. CRAFT & HANDWORK YARNS includes yarn and thread for crocheting, darning, embroidery, mending, hand knitting, etc. The item does not include sewing thread (Item 72). Olefin yarn for macramé is in Miscellaneous Industrial.

16-18. UNDERWEAR & NIGHTWEAR (M) includes undershirts, shorts & briefs, sleep coats, pajamas, nightshirts, thermal underwear, etc.

35-39. UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS. The underwear and nightwear component includes full and half-slips, panties, pettipants, camisoles, vests, briefs and thermal underwear as well as nightgowns, sleep & lounging pajamas, sleep coats, peignoir & robe sets with nightgowns or pajamas, negligees and bedjackets. Includes bodywear and all children's and infants' underwear & nightwear. **Excludes** the trim, elastic webbing, apparel lace, braid or narrow fabric used in these products.

(Continued on page 175)

NOTES FOR APPAREL ITEMS *(Continued)*

10-31. ROBES & LOUNGEWEAR (MW) includes men's & boys' beach- & bathrobes, dressing gowns and smoking jackets, and women's beach- & bathrobes and housecoats.

54a. HIGH PILE FABRICS includes all applications (apparel, home furnishings and industrial). Apparel shell fabrics and "surface lining" garment items are included.

54b. FABRICS FOR LINING includes all man-made fiber types except high pile fabrics (Item 54a), lining-type fabrics sold as retail piece goods (see Item 55) and the lining components of shoes & slippers and luggage and handbags (Miscellaneous Other Consumer-Type). The apparel lining component of this series includes main linings, interlinings, zip-in linings (except pile), linings for pockets and waistbands as well as the acetate and nylon tricot used for laminating. Cotton drapery linings are not included here but are in Item 52. Also not included are interlinings of haircloth, urethane and nonwoven fabrics.

43. APPAREL LACE includes nets and veilings.

55. RETAIL PIECE GOODS are mainly women's apparel-type fabrics but all other types of apparel fabrics are included in addition to fabrics destined for apparel linings and home furnishings application.

56a. NARROW FABRICS includes ELASTIC AND NONELASTIC TYPES. The "narrow woven goods" made by slicing thermoplastic fiber broad woven fabrics with a hot knife to produce fused-edge narrow fabrics are not included here. NARROW FABRIC poundages for Home Furnishings and Industrial uses are shown in those sections.

OTHER APPAREL includes men's & women's work gloves and handkerchiefs. Man-made fiber used for knitted accessories such as scarves, mufflers, gloves, caps, etc., is in Items 8 & 29.

TOPWEIGHT FABRICS includes all shirts, blouses, lightweight dress and other lightweight fabrics. The fabrics generally weigh 5.0 ounces or less per square yard. Retail piece goods are in Item 55.

BOTTOMWEIGHT FABRICS includes pants, sportswear, tailored clothing, career apparel and other heavier weight fabrics. The fabrics generally weigh more than 5.0 ounces per square yard. Retail piece goods are in Item 55.

For 1973-1974 detail on Top- and Bottomweight Fabrics, see the November 1976 ORGANON, page 163.

GENERAL NOTES FOR THE END USE TABLES ON PAGES 174-180

Units are in million pounds.

c. Means less than 50,000 pounds, i.e., nominal.

-- Means that little, or none, of the fiber is used.

* When an asterisk appears, there is a footnote at the end of the table.

• Means a significant revision in the 1973-1978 data series compared with the corresponding data shown in the November 1979 ORGANON issue. Earlier years' data on the new basis are not available.

1. This number in the title of each table refers the reader to these notes.

2. Man-made fiber end use in these tables is divided between Rayon+Acetate (the cellulosic fibers) and Other (the non-cellulosic fibers plus textile glass fiber). Yarn includes monofilaments and olefin "yarn" also includes film fiber and spunbonded polypropylene. Staple includes tow & fiberfill, see Item 79a. Fiberfill, Stuffing & Flock and its footnote on page 179. All textile glass fiber is tabulated as yarn. Certain waste poundages, which are tabulated with staple, are included; see text on page 170.

The non-cellulosic fibers included in this survey, for one or more years, are the acrylic, aramid, modacrylic, nylon, olefin (polyethylene & polypropylene), polyester, saran, spandex and vinyon fibers.

d. The staple data are tabulated in the yarn column.

e. The yarn data are tabulated in the staple column.

r. This datum shows a significant revision compared with the November 1979 ORGANON data.

When textile glass fiber is included in an end use, the word "Glass" appears in the lower left corner of the end use box, together with the annual consumption data for 1973-1979. These glass fiber poundages are included with non-cellulosic yarn in that end use and in the section totals.

When silk, linen, jute, sisal, etc., are consumed in an end use, in addition to cotton, wool and the man-made fibers, the fiber is named in the middle left of the end use box. But no poundage data for such fibers are included in either such end use or in the section totals.

As described in the footnotes to Items 54a and 54b above, apparel linings, pockets and such are tabulated in Items 54a and 54b and not with the applicable garments.

In the Apparel table, the sex and age classifications used are those of the U.S. Census Bureau. Thus **M** means Men's plus Boys' and **W** means all other persons, i.e., Women's, Misses', Juniors', Girls', Children's & Infants'.

HOME FURNISHINGS[1]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2] TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE	COTTON	WOOL
TOTAL HOME FURNISHINGS	1973	3880.2	2740.1	84.4	244.7	970.8	1440.2	1086.7	53.4
	1974	3408.9	2411.0	67.8	189.7	920.9	1232.6	964.9	33.0
	1975	3256.6	2318.4	47.8	129.9	905.4	1235.3	906.5	31.9
	1976	3511.6	2558.0	45.0	171.9	910.5	1430.6	920.6	33.0
	1977	3820.2	2882.6	52.7	158.9	1045.1	1625.9	905.6	32.0
GLASS: 1973-1979 45.4 40.2 35.7 28.4 18.0 16.5 15.4	1978	4032.9	3081.8	54.5	179.8	1146.6	1700.9	915.8	35.3
	1979	4115.0	3199.2	48.6	141.1	1244.7	1766.8	889.8	26.0
45 BEDSPREADS & QUILTS*	1973	146.1	59.3	13.2	17.6	17.8	10.7	86.8	--
	1974	130.8	52.2	12.4	10.5	15.5	13.8	78.6	--
	1975	132.9	49.1	16.3	6.6	10.8	15.4	83.8	--
	1976	130.9	45.3	13.2	5.1	10.5	16.5	85.6	--
	1977	140.2	57.9	7.5	5.1	14.0	31.3	82.3	--
	1978	148.3	67.5	3.5	6.0	23.2	34.8	80.8	--
	1979	161.2	80.9	3.0	3.0	35.3	39.6	80.3	--
46 BLANKETS & BLANKETING*	1973	144.0	130.0	1.0	1.0	5.6	122.4	10.6	3.4
	1974	120.5	106.5	0.8	0.6	4.4	100.7	9.6	4.4
	1975	116.5	102.7	0.1	0.4	4.2	98.0	9.0	4.8
	1976	107.9	93.5	0.1	0.5	4.0	88.9	8.8	5.6
	1977	130.3	115.7	0.2	--	4.8	110.7	8.8	5.8
	1978	127.3	112.8	0.2	--	4.7	107.9	8.5	6.0
	1979	110.7	98.3	0.1	--	4.1	94.1	7.9	4.5
47 SHEETS & OTHER BEDDING*	1973	513.7	212.4	2.3	19.5	1.6	189.0	301.3	--
	1974	488.3	206.5	1.3	22.1	1.6	181.5	281.8	--
	1975	476.4	202.5	0.4	7.5	10.2	184.4	273.9	--
LINEN	1976	528.5	248.4	r0.2	8.7	r9.2	230.3	280.1	--
	1977	525.2	242.1	0.7	13.7	19.3	208.4	283.1	--
	1978	526.6	237.4	2.4	13.6	18.1	203.3	289.2	--
	1979	532.1	254.1	3.0	9.0	22.2	219.9	278.0	--
48 TOWELS & TOWELING*	1973	301.3	3.3	--	1.5	--	1.8	298.0	--
	1974	301.0	4.0	--	2.1	--	1.9	297.0	--
	1975	271.4	13.2	--	r1.2	--	12.0	258.2	--
LINEN, RAMIE	1976	285.5	13.4	--	r0.5	--	12.9	272.1	--
	1977	308.6	28.5	--	r0.5	--	28.0	280.1	--
	1978	324.6	27.9	--	r0.5	--	27.4	296.7	--
	1979	349.6	34.3	--	0.5	--	33.8	315.3	--
56b NARROW FABRICS*	1973	11.0	2.8	2.8	--	--	--	8.2	--
	1974	9.9	2.9	2.9	--	--	--	7.0	--
	1975	7.1	0.6	0.6	--	--	--	6.5	--
	1976	6.5	0.8	0.8	--	--	--	5.7	--
	1977	4.9	0.5	0.5	--	--	--	4.4	--
	1978	6.4	1.7	1.4	--	--	0.3	4.7	--
	1979	5.3	1.0	0.6	--	--	0.4	4.3	--

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2] TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE	COTTON	WOOL
50 TOTAL CARPETS & RUGS*	1973	1957.8	1858.7	1.3	25.8	807.3	1024.3	56.0	43.1
	1974	1669.8	1628.4	1.1	r2.9	766.1	858.3	22.0	19.4
	1975	1619.3	1587.8	0.6	1.7	731.1	854.4	14.9	16.6
STEEL	1976	1776.9	1748.0	0.3	1.8	751.9	994.0	13.4	15.5
SEE DETAIL IN ITEMS 50a & b FOLLOWING	1977	2000.0	1973.5	c	1.0	866.1	1106.4	r13.7	12.8
	1978	2168.3	2140.2	--	r0.9	959.7	1179.6	r14.9	13.2
	1979	2264.1	2237.5	--	0.6	1030.4	1206.5	16.6	10.0
50a FACE YARNS*	1973	1751.7	1396.6	--	25.8	657.9	1012.9	12.0	43.1
	1974	1494.7	1471.3	--	r2.9	622.2	846.2	4.0	19.4
	1975	1452.6	1432.7	--	1.7	582.2	848.8	3.3	16.6
	1976	1586.8	1568.0	--	1.8	577.7	988.5	3.3	15.5
NON-ADD	1977	1787.9	1772.2	--	1.0	671.9	1099.3	r2.9	12.8
SEE DETAIL IN FOOTNOTE	1978	1935.6	1919.3	--	r0.9	748.1	1170.3	r3.1	13.2
	1979	2016.3	2002.9	--	0.6	810.5	1191.8	3.4	10.0
50b BACKING*	1973	206.1	162.1	1.3	--	149.4	11.4	44.0	--
	1974	175.1	157.1	1.1	--	143.9	12.1	18.0	--
	1975	166.7	155.1	0.6	--	148.9	r5.6	11.6	--
GLASS, JUTE, PAPER	1976	190.1	180.0	0.3	--	174.2	5.5	10.1	--
	1977	212.1	201.3	c	--	194.2	7.1	r10.8	--
NON-ADD	1978	232.7	220.9	--	--	211.6	r9.3	r11.8	--
SEE ITEM 50	1979	247.8	234.6	--	--	219.9	14.7	13.2	--
51 CURTAINS*	1973	61.7	46.2	7.5	r10.0	23.5	r5.2	15.5	--
	1974	53.3	39.0	6.6	r7.5	16.5	r8.4	14.3	--
	1975	67.6	53.6	3.6	13.0	26.5	10.5	14.0	--
ALSO SEE ITEM 52	1976	67.5	54.1	3.7	19.1	19.8	11.5	13.4	--
GLASS: 1973-1979 1.2 1.0 0.6 0.4 0.2 0.1 0	1977	74.0	62.0	1.8	16.3	23.3	20.6	12.0	--
	1978	88.8	78.2	3.8	19.1	25.5	29.8	10.6	--
	1979	71.7	62.3	1.4	10.6	23.7	26.6	9.4	--
52 DRAPERY & UPHOLSTERY*	1973	695.6	407.7	55.2	169.0	r107.5	76.0	281.0	6.9
	1974	588.9	351.2	42.0	143.0	r109.2	57.0	228.5	9.2
	1975	522.3	291.5	26.0	98.0	117.5	50.0	220.3	10.5
SILK, LINEN, BURLAP	1976	565.7	338.8	r26.4	135.0	108.4	r69.0	215.0	11.9
GLASS: 1973-1979 38.6 35.0 32.0 23.4 10.2 6.9 7.6	1977	586.8	379.6	r41.5	121.0	108.1	r109.0	193.8	13.4
	1978	587.2	389.9	42.5	138.0	103.4	106.0	181.2	16.1
	1979	561.0	399.1	37.5	115.0	112.6	134.0	150.4	11.5
OTHER HOME FURNISHINGS*	1973	49.0	19.7	1.1	0.3	7.5	r10.8	r29.3	--
	1974	46.4	20.3	r0.7	1.0	7.6	r11.0	r26.1	--
	1975	43.3	17.4	0.2	1.5	r5.1	r10.6	25.9	--
LINEN	1976	42.2	15.7	0.3	r1.2	r6.7	r7.5	26.5	--
GLASS: 1973-1979 5.6 4.2 3.1 4.6 7.6 9.5 7.8	1977	50.2	22.8	0.5	1.3	r9.5	r11.5	27.4	--
	1978	55.4	26.2	r0.7	r1.7	12.0	11.8	29.2	--
	1979	59.3	31.7	1.0	2.4	16.4	11.9	27.6	--

NOTES FOR HOME FURNISHING ITEMS ABOVE

1. For all lettered and general footnotes to this table, see page 175.

HOME FURNISHINGS. These data cover the use of each item not only in homes, but also in offices, hotels, institutions, etc. For certain transportation uses, note Items 50a, 63 & 64.

None of the poundages tabulated include any cotton stuffing or filling materials in items such as furniture, pillows, mattresses, comforters & quilts, sleeping bags, seat padding, etc. For the man-made fibers, however, stuffing & fiberfill is tabulated in the Industrial section. Note text page 170 regarding the inclusion of certain man-made fiber waste poundages here. Certain felt poundages are in Item 70.

45. BEDSPREADS includes tailored & throw spreads, both tufted & woven, as well as the backing. QUILTS includes comforters and their outer shell; quilted pads are in Item 47.

46. BLANKETS & BLANKETING includes woven, knitted, needle-punched and flocked full-size and crib blankets and electric blanket shells, as well as the woven acetate or nylon filament yarn bindings thereof. Sizable poundages of rayon, acrylic, nylon & wool waste are included here.

47. SHEETS includes pillowcases. OTHER BEDDING includes the outside cover of quilted pads, mattress pads, mattresses & innersprings, civilian cots and sleeping bags. Mattress felts are in Item 70. The man-made staple poundages here are mainly polyester for sheets and rayon & polyester for bed ticking. The man-made filament is chiefly polyester for bed ticking.

48. TOWELS & TOWELING includes woven hand, bath, dish towels, etc. Nonwoven towels, such as "Handi-wipes" and industrial wiping cloths, are in Item 61. The large cotton waste poundage used in these products is not included.

(Continued on page 177)

ITEM 50A. ANALYSIS OF FACE YARNS BY CARPET TYPE & BY FIBER - MILLION POUNDS

	1973	1974	1975	1976	1977	1978	1979
FILAMENT YARN BCF (Bulked Continuous Filament)							
A. TUFTED							
NYLON	584.4	543.7	508.1	492.3	586.1	650.7	705.0
POLYESTER	1.2	0.6	0.1	0.4	0	0	0
OLEFIN INCL. FILM FIBER	54.5	58.8	60.1	65.8	67.0	77.5	84.5
TOTAL TUFTED	640.1	603.1	568.3	558.5	653.1	728.2	789.5
B. WOVEN (includes small knit poundages)							
NYLON	17.8	19.1	13.9	19.2	18.8	19.9	21.0
TOTAL WOVEN	17.8	19.1	13.9	19.2	18.8	19.9	21.0
C. TOTAL BCF	657.9	622.2	582.2	577.7	671.9	748.1	810.5
STAPLE & WASTE (Spun Yarn)							
A. TUFTED							
RAYON-ACETATE	25.2	2.9	1.7	1.8	1.0	0.9	0.6
NON-CELLULOSIC							
ACRYLIC-MODACRYLIC	135.9	90.0	65.3	66.8	59.3	49.3	34.3
NYLON	582.7	522.3	561.0	657.7	754.0	838.2	876.7
POLYESTER	191.4	143.1	144.5	200.0	211.2	205.7	200.4
OLEFIN-VINYON	4.2	7.0	4.8	9.9	13.7	19.6	21.8
TOTAL NON-CELLULOSIC	914.2	762.4	775.6	934.4	1038.2	1112.8	1133.2
COTTON	11.6	3.7	2.9	3.2	2.1	2.5	3.0
WOOL	17.2	8.6	3.2	8.5	5.3	6.4	4.9
TOTAL TUFTED	968.2	777.6	788.4	947.9	1046.6	1122.6	1141.7

(Continued on page 177)

56b. NARROW FABRICS includes only Home Furnishings Applications. See the Apparel and Industrial sections for Narrow Fabrics in those applications.

50. CARPETS & RUGS (TOTAL) is the sum of 50a & 50b.

50a. FACE YARNS. Tufted includes broadloom & roll goods, transportation carpeting, scatter rugs, bath mats and "grass." Woven includes carpets such as Axminster, Velvet, Wilton, etc. Knit goods are mainly scatter rugs. Needle-punched are the indoor-outdoor carpets. Item 50a does not include braided, hooked or woven twisted paper carpets.

By-fiber detail on the poundage of fibers used in carpet face yarns is given in the table on page 176 and continued to the upper right. The lower table to the right and the table on page 179 show the type of carpet produced and the calculated total carpet yardage by type.

The method used to develop these carpet face yarn data varies somewhat from other products in this end use survey. For all fibers, it is intended that the data show fiber consumption at the carpet mill production level each year.

Man-Made Fiber Yarn. Producers' shipments of textured nylon, olefin & polyester filament yarn, plus olefin monofilament and film fiber, to carpet manufacturers were added to the imports of textured nylon carpet yarn to obtain the available supply of face yarns. When a sizable increase in this available figure was shown, an adjustment was made so as to reflect that part of the estimated increment poundage going into inventory plus goods-in-process (deducted from available and not tabulated here); the residual poundage being that actually used in carpet production, which figure is presented here. This yarn increment (decrement) was taken as a 6-week supply, thus involving a deduction (addition) of 12% each year.

For example, producers' shipments of non-cellulosic face yarn to carpet manufacturers were 756.7 million pounds in 1978 and 817.8 million pounds in 1979, an increase of 61.1 million pounds. Assuming that there were no imports in either year, 12% of this increment (7.3 million pounds) was then subtracted from the shipments to yield the 1979 "usage" figure of 810.5 million pounds.

Man-Made Fiber Staple. Producers' shipments of staple, tow and waste to the carpet industry were added to staple imports to obtain the available supply of face yarns. The inventory plus goods-in-process increment (decrement) principle was applied, as described above, on the basis of an 8-week supply, i.e., 15% of the increment (decrement) was deducted (added) to obtain the data presented.

Wool. The wool consumed in face yarns is carpet-class including re-processed. The division of this poundage as between tufted, woven and knit was calculated based on Census data. Note the December 1979 ORGANON, page 199.

Cotton. The cotton face yarn data presented are those of Census Report M-22Q, increased by an estimated 10%.

50b. CARPET BACKING FIBERS. Here the approach is similar. The man-made fiber producers' shipments of fiber for carpet backing were used, with a goods-in-process increment (decrement) adjustment.

The R-A Yarn of Item 50b is industrial rayon used for woven carpet chain warps. The Other Yarn is olefin (monofil-film fiber+spunbonded) and small poundages of nylon & polyester filament yarn. The Other Staple is olefin only.

The substantial poundages of jute used as woven primary & secondary carpet backing, as well as the jute yarn used in the warp of woven carpets, are not tabulated in Item 50b. Nor does Item 50b include the sizable poundages of wool, hair and jute used in carpet and rug pads and cushions.

CARPET YARDAGE. The table on page 175 shows the calculated carpet yardage production by type of carpet compared with Census carpet sales for recent years. The lower table to the right presents the same tufted and needle-punched yardages together with a breakdown of the kind of fiber used in the primary backing thereof.

The correlation between calculated primary+secondary jute yardages consumed, and the yardage of imported jute cloth over 100" wide, will be noted. The usage was 97% of said imports over the recent 7-year period. Also see the footnotes to that table.

51. CURTAINS includes lace and other types (principally woven), i.e., cafe, tiered & cottage; ruffled; shortie drapes and tailored. Shower curtains are in Other Home Furnishings.

52. DRAPERY & UPHOLSTERY includes furniture slipcovers and vinyl-coated cotton fabrics for upholstery. The olefin & saran webbing for outdoor furniture is now included under Narrow Woven Industrial (Item 56c). Also includes the backing & headers of drapery fabrics. The cotton data include cotton drapery linings.

OTHER HOME FURNISHINGS includes woven & lace napery, such as tablecloths & napkins, doilies, etc., as well as the cotton in window shades. For the man-made fibers, it includes insect screening & netting. Wall-covering fabric is in Miscellaneous Industrial.

ITEM 50A. ANALYSIS OF FACE YARNS BY CARPET TYPE & BY FIBER (Continued) - MILLION POUNDS

	1973	1974	1975	1976	1977	1978	1979
B. WOVEN							
NON-CELLULOSIC							
ACRYLIC	27.5	28.0	18.8	15.3	13.4	11.0	13.0
NYLON	1.4	3.6	7.0	4.0	4.7	5.0	6.0
POLYESTER	1.4	0.9	1.6	1.4	1.8	1.0	0.9
TOTAL NON-CELLULOSIC	30.3	32.5	27.4	20.7	19.9	17.0	19.9
WOOL	25.5	10.7	8.4	7.0	7.5	6.8	5.1
TOTAL WOVEN	55.8	43.2	35.8	27.7	27.4	23.8	25.0
C. KNIT							
NON-CELLULOSIC							
ACRYLIC-MODACRYLIC	7.5	8.3	7.1	5.3	5.0	2.9	3.1
TOTAL NON-CELLULOSIC	7.5	8.3	7.1	5.3	5.0	2.9	3.1
COTTON	0.4	0.3	0.4	0.1	0.8	0.6	0.4
WOOL	0.4	0.1	0	0	0	0	0
TOTAL KNIT	8.3	8.7	7.5	5.4	5.8	3.5	3.5
D. NEEDLE-PUNCHED (includes Filler Fibers)							
RAYON	0.6	0	0	0	0	0	0
NON-CELLULOSIC							
ACRYLIC-MODACRYLIC	0.5	2.5	1.7	4.4	2.2	1.8	0.4
NYLON	15.3	6.0	3.9	3.8	5.3	4.5	1.0
POLYESTER	-	2.1	2.6	1.6	1.2	1.0	0.3
OLEFIN	45.1	32.4	30.5	18.3	27.5	30.3	33.9
TOTAL NON-CELLULOSIC	60.9	43.0	38.7	28.1	36.2	37.6	35.6
TOTAL N-P	61.5	43.0	38.7	28.1	36.2	37.6	35.6
E. TOTAL STAPLE & WASTE							
RAYON-ACETATE	25.8	2.9	1.7	1.8	1.0	0.9	0.6
NON-CELLULOSIC							
ACRYLIC-MODACRYLIC	171.4	128.8	92.9	91.8	79.9	65.0	50.8
NYLON	599.4	531.9	571.9	665.5	764.0	847.7	883.7
POLYESTER	192.8	146.1	148.7	203.0	214.2	207.7	201.6
OLEFIN-VINYON	49.3	39.4	35.3	28.2	41.2	49.9	55.7
TOTAL NON-CELLULOSIC	1012.9	846.2	848.8	988.5	1099.3	1170.3	1191.8
COTTON	12.0	4.0	3.3	3.3	2.9	3.1	3.4
WOOL	43.1	19.4	16.6	15.5	12.8	13.2	10.0
TOTAL	1093.8	872.5	870.4	1009.1	1116.0	1187.5	1205.8

ANALYSIS OF CARPET YARDAGE - MILLION SQUARE YARDS

	1973	1974	1975	1976	1977	1978	1979
A. PRODUCTION PER ORGANON							
TUFTED	1051	911	875	983	1095	1259	1314
WOVEN	26	23	19	18	16	19	21
KNIT	6	8	6	4	4	3	3
NEEDLE-PUNCHED	89	40	32	22	28	29	27
TOTAL	1172	982	932	1027	1143	1310	1365
B. SALES PER CENSUS M-22Q							
TUFTED	944	866	784	890	1026	1110	1157
DIVIDED AS:							
SCATTER	83	71	64	66	80	81	81
ROLL GOODS	809	756	677	762	876	963	1004
AUTO & AERO	52	39	43	62	70	66	72
WOVEN	25	23	19	18	16	19	21
KNIT	8	9	8	10	9	8	8
NEEDLE-PUNCHED	45	37	20	17	17	19	15
TOTAL	1022	935	831	935	1068	1156	1201
C. % CENSUS SALES TO ORGANON PRODUCTION							
TUFTED	90	95	90	91	94	88	88
ALL OTHER	64	97	82	102	88	90	86
TOTAL	87	95	89	91	93	88	88

Analysis of Carpet Backing Yardage
on page 179

INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS[1]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2]					COTTON	WOOL
			TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE		
TOTAL INDUSTRIAL & OTHER CONSUMER	**1973**	**2933.8**	**2269.4**	**137.2**	**299.1**	**1495.3**	**336.8**	**655.2**	**9.2**
	1974	**2779.6**	**2187.3**	**116.5**	**275.9**	**1438.3**	**356.6**	**582.3**	**10.0**
	1975	**2458.6**	**1917.7**	**82.1**	**217.6**	**1260.7**	**377.3**	**534.5**	**6.4**
	1976	**2862.5**	**2275.6**	**60.9**	**256.6**	**1486.6**	**471.5**	**579.4**	**7.5**
	1977	**2983.5**	**2437.6**	**62.9**	**252.7**	**1597.9**	**524.1**	**537.9**	**8.0**
GLASS: 1973-1979 577.6, 529.3, 452.8, 575.8, 664.1, 729.3, 761.6	**1978**	**3099.6**	**2581.9**	**68.7**	**234.4**	**1706.2**	**572.6**	**508.7**	**9.0**
	1979	**3227.5**	**2761.0**	**52.2**	**227.2**	**1799.1**	**682.5**	**458.0**	**8.5**
56c NARROW FABRICS*	1973	100.8	63.9	1.3	--	61.1	1.5	36.9	--
	1974	84.5	53.0	1.7	--	50.1	1.2	31.5	--
	1975	68.6	39.5	0.4	0.3	38.8	--	29.1	--
SILK, LINEN	1976	83.0	57.4	0.6	0.1	56.7	--	25.6	--
	1977	81.8	62.3	0.2	0.2	61.8	0.1	19.5	--
	1978	85.7	68.4	0.3	0.5	67.3	0.3	17.3	--
	1979	86.5	70.8	0.2	0.3	70.0	0.3	15.7	--
61 MEDICAL SURGICAL & SANITARY*	1973	242.5	161.9	c	152.0	6.6	r3.3	80.6	--
	1974	255.0	175.6	c	160.0	9.1	6.5	79.4	--
	1975	233.5	150.6	--	136.0	11.6	3.0	82.9	--
	1976	293.3	200.6	--	174.0	16.6	10.0	92.7	--
	1977	317.7	219.9	--	178.0	22.6	19.3	r97.8	--
	1978	325.3	230.0	--	165.0	23.5	41.5	95.3	--
	1979	357.6	259.9	--	155.0	24.5	80.4	97.7	--
63 & 64 TRANSPORTATION FABRIC*	1973	94.9	32.7	0.6	11.•	12.3	8.3	62.2	--
	1974	58.4	22.1	0.6	5.6	5.3	10.6	36.3	--
	1975	61.8	30.4	0.6	1.1	r7.9	20.8	31.4	--
	1976	74.9	40.0	0.9	2.5	r12.0	24.6	34.9	--
	1977	77.8	49.1	0.5	5.8	12.9	29.9	28.7	--
	1978	65.5	44.3	2.9	6.5	16.0	18.9	21.2	--
	1979	56.2	40.0	0.6	2.9	18.4	18.1	16.2	--
65 TIRES*	1973	681.4	671.9	82.7	--	589.2	--	9.5	--
	1974	617.7	609.2	59.5	--	549.7	--	8.5	--
	1975	509.1	502.7	24.0	--	478.7	--	6.4	--
STEEL: SEE FOOTNOTE	1976	570.1	564.2	30.0	--	534.2	--	5.9	--
	1977	580.3	573.6	35.3	--	538.3	--	6.7	--
GLASS: 1973-1979 30.6, 21.5, 23.5, 24.8, 25.5, 29.0, 27.4	1978	593.8	587.9	37.0	--	550.9	--	r5.9	--
	1979	572.3	565.9	25.7	--	540.2	--	6.4	--
66 HOSE*	1973	44.1	37.7	22.2	--	13.5	2.0	6.4	--
	1974	53.2	47.0	22.0	--	15.9	9.1	6.2	--
	1975	38.2	32.3	14.5	--	9.4	8.4	5.9	--
LINEN	1976	41.8	35.4	14.2	--	11.6	9.6	6.4	--
	1977	44.0	37.5	14.0	--	15.6	7.9	6.5	--
	1978	49.2	43.1	16.0	--	18.1	9.0	6.1	--
	1979	52.2	46.4	15.5	--	19.1	11.8	5.8	--
67 BELTING*	1973	64.6	41.5	4.8	0.7	30.3	5.7	23.1	--
	1974	76.4	55.8	4.5	1.0	36.6	13.7	20.6	--
	1975	77.5	59.6	3.0	0.4	42.5	13.7	17.9	--
	1976	81.5	60.3	4.1	rc	41.4	14.8	21.2	--
	1977	75.4	55.4	4.2	rc	37.1	14.1	20.0	--
GLASS: 1973-1979 0.2, 0.1, 0.1, 0.1, 0.1, 0.1, 0.0	1978	75.7	58.4	3.0	0.2	37.1	18.1	17.3	--
	1979	90.8	76.9	2.7	0.2	44.7	29.3	13.9	--
69 77 ELECTRICAL & REINFORCED PLASTICS*	1973	523.9	497.9	0.6	--	497.3	--	26.0	--
	1974	481.8	458.8	0.1	--	458.7	--	23.0	--
	1975	419.6	394.6	--	--	394.6	--	25.0	--
SILK, LINEN, JUTE	1976	536.0	511.0	--	--	511.0	--	25.0	--
	1977	619.8	594.8	--	--	594.8	--	25.0	--
GLASS: 1973-1979 493.7, 454.8, 392.4, 507.6, 589.2, 648.2, 680.7	1978	678.6	653.6	--	--	653.6	--	25.0	--
	1979	711.9	686.9	--	--	686.9	--	25.0	--
70 FELTS*	1973	29.6	16.5	--	7.4	2.0	7.1	4.4	8.7
	1974	23.6	10.5	--	2.6	2.3	5.6	3.8	9.3
	1975	18.6	9.9	--	r2.5	2.0	5.4	3.1	5.6
	1976	19.7	9.7	--	r2.1	1.6	6.0	3.5	6.5
	1977	20.1	11.3	--	3.2	2.0	6.1	r1.8	7.0
	1978	25.4	15.8	--	r6.1	2.3	r7.4	r1.6	8.0
	1979	27.0	18.1	--	5.8	5.2	7.1	1.4	7.5
71 FILTRATION*	1973	33.2	26.3	--	9.6	7.9	8.8	6.9	--
	1974	46.4	39.4	--	18.7	9.7	r11.0	7.0	--
CIGARETTE FILTRATION SEE FOOTNOTE	1975	30.1	24.9	--	6.9	7.8	r10.2	5.2	--
	1976	34.0	28.3	--	5.8	8.8	13.7	5.7	--
GLASS: 1973-1979 4.3, 4.2, 3.4, 3.7, 3.6, 5.0, 6.0	1977	40.9	35.0	--	4.2	8.0	22.8	5.9	--
	1978	44.4	38.4	--	4.4	8.8	r25.2	6.0	--
	1979	46.0	41.0	--	3.3	10.5	27.2	5.0	--
72 SEWING THREAD*	1973	136.8	54.0	2.3	8.3	32.6	10.8	82.8	--
	1974	120.4	43.1	2.1	1.8	28.9	10.3	77.3	--
	1975	106.0	44.8	1.0	1.9	29.8	12.1	61.2	--
SILK, LINEN	1976	123.1	50.4	0.5	2.9	35.4	11.6	72.7	--
	1977	113.8	53.7	0.3	4.5	36.9	12.0	60.1	--
	1978	115.1	59.8	0.2	4.2	40.7	14.7	55.3	--
	1979	108.5	61.0	0.1	3.7	44.1	13.1	47.5	--
73 ROPE, CORDAGE FISHLINE ETC.*	1973	168.2	125.6	5.5	r4.7	108.0	7.4	42.6	--
	1974	168.2	127.2	6.9	1.5	112.0	6.8	41.0	--
	1975	162.8	128.3	3.2	1.8	115.0	8.3	34.5	--
SISAL, LINEN	1976	162.2	118.1	2.0	1.2	108.0	6.9	44.1	--
JUTE, SILK	1977	155.1	121.9	2.0	0.9	113.0	6.0	33.2	--
	1978	172.1	140.7	3.0	1.0	126.0	10.7	31.4	--
	1979	184.8	155.0	2.0	2.1	147.0	3.9	29.8	--
74 BAGS & BAGGING*	1973	68.3	51.5	--	3.0	48.3	0.2	16.8	--
	1974	74.8	63.2	--	1.0	62.2	c	11.6	--
	1975	54.5	44.6	--	--	44.6	--	9.9	--
JUTE	1976	58.7	43.7	--	--	49.7	--	9.0	--
	1977	53.3	46.0	--	--	45.8	0.2	7.3	--
	1978	51.8	44.5	--	--	44.5	-	7.3	--
	1979	62.2	55.0	--	--	53.6	1.4	7.2	--
75 COATED & PROTECTIVE FABRICS*	1973	159.4	83.0	0.2	r30.3	25.2	27.3	76.4	--
	1974	174.9	104.1	0.4	r24.4	33.8	45.5	70.8	--
	1975	151.7	90.3	0.2	r22.0	24.0	44.1	61.4	--
	1976	187.8	120.6	r0.1	r28.7	31.7	60.1	67.2	--
GLASS: 1973-1979 5.0, 7.0, 3.8, 3.8, 4.0, 4.0, 4.0	1977	171.9	104.2	r--	19.6	28.5	56.1	67.7	--
	1978	174.6	108.9	r--	12.1	36.8	60.0	65.7	--
	1979	176.3	120.9	0.1	17.3	40.9	62.6	55.4	--
76 PAPER & TAPE REINFORCING*	1973	54.4	45.2	3.5	0.7	41.0	d	r9.2	--
	1974	54.6	46.1	3.7	1.4	41.0	d	8.5	--
	1975	43.0	35.6	r1.6	r2.5	31.5	d	7.4	--
JUTE	1976	52.9	45.5	r1.9	4.3	38.0	1.3	7.4	--
	1977	58.8	51.4	r1.4	6.5	42.6	0.9	7.4	--
GLASS: 1973-1979 40.0, 37.7, 26.8, 33.8, 38.5, 39.5, 39.5	1978	52.0	45.4	r1.5	3.0	40.4	0.5	6.6	--
	1979	46.7	41.5	1.2	-	40.0	0.3	5.2	--
79a FIBERFILL STUFFING & FLOCK*	1973	207.8	207.8	--	14.1	--	193.7	--	--
	1974	188.5	188.5	--	17.0	--	171.5	--	--
	1975	199.2	199.2	--	10.3	--	188.9	--	--
	1976	236.0	236.0	--	11.5	--	224.5	--	--
	1977	263.3	263.3	--	9.4	--	253.9	--	--
	1978	267.9	267.9	--	5.6	--	262.3	--	--
	1979	309.3	309.3	--	7.2	--	302.1	--	--
79b UNALLOCATED NONWOVENS*	1973	67.6	67.6	--	28.8	--	38.8	--	--
	1974	55.3	55.3	--	13.9	--	41.4	--	--
	1975	51.1	51.1	--	10.7	--	40.4	--	--
	1976	74.8	74.8	--	10.1	--	64.7	--	--
	1977	78.1	78.1	--	7.3	--	70.8	--	--
	1978	95.2	95.2	--	9.4	--	85.8	--	--
	1979	119.2	119.2	--	14.1	--	105.1	--	--
MISCELLANEOUS INDUSTRIAL & CONSUMER-TYPE PRODUCTS*	1973	256.3	84.4	r13.5	28.0	21.0	21.9	171.4	0.5
	1974	245.9	88.4	r15.0	27.0	23.0	23.4	156.8	0.7
	1975	233.3	79.3	13.6	21.2	22.5	22.0	153.2	0.8
	1976	232.7	73.6	6.6	13.4	29.9	23.7	158.1	1.0
	1977	231.4	80.1	5.0	13.1	38.0	24.0	150.3	1.0
GLASS: 1973-1979 3.8, 4.0, 2.8, 3.0, 3.0, 3.5, 4.0	1978	227.3	79.6	4.8	16.4	40.2	18.2	146.7	1.0
	1979	220.0	93.2	4.1	15.3	54.0	19.8	125.8	1.0

NOTES FOR INDUSTRIAL & OTHER CONSUMER-TYPE ITEMS ABOVE

1. For all lettered and general footnotes to this table, see page 175.

56c. NARROW FABRICS here includes woven labels, industrial webbing, shoelaces, tapes (venetian blinds & industrial), transportation seat belts, auto windlace, channeling & trim, and outdoor furniture webs. These figures exclude transmission & conveyor belting (in Item 67); friction tape and the braided narrow fabric used in electrical applications (in Item 69); and gummed cotton tape (in Item 76).

61. MEDICAL, SURGICAL & SANITARY includes bandages, gauzes, adhesive tapes & plasters, sanitary napkins & tampons, cotton diapers, rayon disposable diapers, surgical gowns and packs. Medical sutures are tabulated in Item 72. Surgical hosiery is in Items 19 & 40. Not included here is cotton waste & linters nor any nontextiles used for filling materials.

63 & 64. TRANSPORTATION FABRIC includes auto seat upholstery & slipcovers, sidewall, headlining (except textile glass in Item 77) and sheeting. The cotton poundages include the knit and woven fabric used as the backing for

(Continued on page 179)

vinyl sheeting. The item includes convertible auto tops & replacements thereof, as well as upholstery used in other kinds of transportation, such as airplanes, railroad & subway cars, buses, etc. It does not include seat padding, transportation rugs (in Item 50), window channeling (in Item 56c), flocking, tassels, trim, etc., or the textile glass fiber used in reinforced plastic seating for subways, buses, etc. (in Item 77). Starting in 1978, the man-made fiber used for substrates for automotive fabric is included in Item 75.

65. TIRES includes all types, i.e., automobile, truck, tractor, off-road, bicycle, etc. The data include tire cord & tire cord fabric, chafer and other tire components, i.e., flipper fabric, breaker strips, bead wraps, etc.

The data include imports of tire yarn, cord & fabric and also cover any poundages subsequently exported in cord or fabric form. The glass figures represent uncoated yarns.

The consumption of steel tire cord for the years 1973-1979 inclusive is estimated as follows: 60.1, 97.3, 117.5, 140.0, 182.0, 182.0 & 180.0. However, these poundages are **not included** in Item 65 above.

66. HOSE includes fire, chemical, fuel, etc. Does not include braided vacuum cleaner hose.

67. BELTING includes flat conveyor & transmission belts (both rubberized and nonrubberized) and V-belts.

69 & 77. ELECTRICAL APPLICATIONS & REINFORCED PLASTICS. The cotton poundages are estimated.

Electrical Applications includes electric wire insulation & covering of all kinds plus friction tape and cable wrap; stuffing & identification. The total fiber consumed does not reflect the increased use of plastic and other nonfibrous coatings, of course.

Reinforced Plastics means high- and low-pressure laminates used in the manufacture of construction materials (corrugated & flat sheet, plumbing accessories, etc.), process equipment (tanks & containers, pipes, ducts, etc.), transportation uses (aircraft, autos, trucks, etc.), and marine; missiles; molded electrical parts, housing, seating, trays, etc. Flexible laminates of cotton are tabulated by end use, e.g., vinyl-supported upholstery fabric in Item 63, etc.

70. FELTS includes wet & dry papermakers' felts, mattress felts and cushioning & wicking felts. Apparel felts (e.g., for shirts) are classified by apparel products. Patio and similar "felts" are in Item 50a. Laundry press pads and flatwork ironer pads are in Miscellaneous Industrial. The wool poundage includes some felts used in filtration (recorded here and not in Item 71), but excludes the substantial amounts used in pressed felts.

71. FILTRATION includes woven and nonwoven filters for wet & dry filtration, including tea bags. The small wool poundage used in the copper refining industry is included in Item 70.

The fiber used in cigarette filtration is **not included** in this end use or in the Industrial Uses totals.

72. SEWING THREAD includes home sewing and industrial & weight goods, as well as medical sutures.

73. ROPE (braided & twisted); CORDAGE (under 3/16"); FISHLINE, ETC. includes hawsers, baler or harvest twine, clothesline, tying twine, etc., as well as fishnets, seines & netting twine.

74. BAGS & BAGGING. The man-made Other Yarn is nylon mailbags plus olefin leno mesh & close-woven bags, including sandbags; also includes olefin bagging for wool bales. Carpet backing bale wrap is in Other Industrial.

75. COATED & PROTECTIVE FABRICS includes, for the man-made fibers, tents & tarpaulins, as well as the substrates for vinyl, rubber or urethane coating, lamination or impregnation. Examples of specific end uses covered include parachutes; deceleration chutes & tow targets; awnings; beach, garden & tractor umbrellas; inflatable dunnage & cushions; air-supported structures & automotive air-spring diaphragms and boat & pool covers.

The cotton poundages include awnings, boat covers, tarpaulins and tents. **Not included** here are the cotton poundages used for vinyl substrates; such poundages are tabulated with their appropriate end use, i.e., transportation upholstery (Items 63 & 64), upholstery (Item 52), etc. Man-made fiber surfaces for recreational fields are not included in this survey.

76. PAPER & TAPE REINFORCING includes gummed and pressure-sensitive tape, as well as nonwoven bonded structures for paper, tape and ribbon reinforcing.

79a. FIBERFILL, STUFFING & FLOCK includes all applications (Apparel, Home Furnishings & Industrial). Both graded fiber and waste are included. The consumption of polyester staple & tow in fiberfill for the years 1973-1979 inclusive, was: 134.6, 126.8, 138.1, 152.8, 176.8, 198.2 & 239.6. For the same years, use of polyester waste for stuffing and filling materials was: 44.5, 34.0, 42.3, 54.6, 59.1, 41.5 & 41.7.

79b. UNALLOCATED NONWOVENS means all nonwoven poundages remaining after the identifiable nonwoven end uses, such as medical, surgical & sanitary; filtration; coated & protective fabrics; and paper & tape reinforcing, have been calculated.

MISCELLANEOUS INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS.

Miscellaneous Industrial includes the cotton for abrasives, book binding, tobacco cloth, woven wiping cloths and wall-covering fabrics. For the man-made fibers, it includes poultry & agricultural cloth, mop yarns, bale wrap, tire liner, laundry supplies, olefin yarn for macrame, and asbestos carrier fiber.

Miscellaneous Other Consumer-Type Products includes the cotton for shoes & slippers as well as luggage & handbags.

(Continued from page 177)

ANALYSIS OF CARPET BACKING YARDAGE

MILLION SQUARE YARDS

	1973	1974	1975	1976	1977	1978	1979	7-YEAR TOTAL
A. PRIMARY BACKING[1]								
TUFTED								
COTTON	41	17	8	8	7	6	6	
RAYON STAPLE	-	0	0	0	0	0	0	
NYLON YARN	1	0	0	0	0	0	0	
OLEFIN[2]	735	728	730	821	883	1,051	1185	
JUTE	274	166	137	154	205	202	123	
TOTAL TUFTED	1,051	911	875	983	1,095	1,259	1,314	
NEEDLE-PUNCHED								
OLEFIN	89	40	32	22	28	29	27	
TOTAL N-P	89	40	32	22	28	29	27	
TOTAL PRIMARY	1,140	951	907	1,005	1,123	1,288	1,341	
B. PERCENT OF TOTAL PRIMARY								
COTTON	*4*	*2*	*1*	*1*	*1*	*1*	*1*	
MAN-MADE	*72*	*81*	*84*	*84*	*81*	*83*	*90*	
JUTE	*24*	*17*	*15*	*15*	*18*	*16*	*9*	
TOTAL	*100*	*100*	*100*	*100*	*100*	*100*	*100*	
C. WOVEN JUTE SUMMARY								
PRIMARY - AS ABOVE	274	166	137	154	205	202	123	
SECONDARY[3]	550	434	422	501	515	583	596	
TOTAL	824	600	559	655	720	785	719	4,862
IMPORTS[4]	847	827	528	662	784	704	648	5,000

FOOTNOTES TO TABLE AT LEFT

1. The weight of primary backing per square yard has decreased over the years. Currently it is about 10 oz. for cotton, 8 1/2 oz. for jute and 3 1/2 oz. for olefin (polypropylene).

2. Olefin includes polypropylene yarn, staple, spunbonded, monofil and film fiber.

3. The secondary jute backing is chiefly for tufted goods. No account is taken here of cushion backings such as foam rubber, vinyl, etc.

4. Imports over 100" wide under Census code 335.4040. The poundage data were multiplied by factors varying from 2.2 to 2.4 to obtain the square yardage data shown. While some of this wide jute cloth is used in other applications, e.g., brattice cloth, by far the largest usage is in carpet backing.

EXPORTS OF DOMESTIC PRODUCTS[1]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[2]					COTTON	WOOL
			TOTAL	RAYON-ACETATE YARN	RAYON-ACETATE STAPLE	OTHER YARN	OTHER STAPLE		
TOTAL EXPORTS OF DOMESTIC PRODUCTS	1973	415.1	170.0	15.4	27.0	57.2	70.4	220.5	24.6
	1974	492.3	222.4	21.2	34.4	72.2	94.6	255.1	14.8
	1975	441.5	194.0	23.3	26.8	68.3	75.6	234.4	13.1
	1976	476.1	202.5	26.0	26.9	66.1	83.5	266.9	6.7
	1977	417.7	192.7	23.2	28.2	60.8	80.5	220.9	4.1
	1978	448.8	225.2	22.0	21.5	76.0	105.7	219.8	3.8
	1979	620.3	313.4	21.0	12.0	228.6	51.8	301.3	5.6
80 YARN, THREAD, ETC.*	1973	78.3	34.1	e	7.0	e	27.1	20.7	23.5
	1974	85.5	47.6	e	9.6	e	38.0	24.0	13.9
	1975	56.5	27.7	e	4.2	e	23.5	17.0	11.8
	1976	61.1	36.9	e	6.0	e	30.9	18.5	5.7
	1977	59.6	39.5	e	9.4	e	30.1	16.9	3.2
	1978	72.3	37.7	e	r3.5	e	r34.2	32.0	2.6
	1979	94.2	55.8	e	4.0	e	51.8	34.2	4.2
81 WOVEN & KNIT FABRIC*	1973	336.8	135.9	15.4	20.0	57.2	43.3	199.8	1.1
	1974	406.8	174.8	21.2	24.8	72.2	56.6	231.1	0.9
	1975	385.0	166.3	23.3	22.6	68.3	52.1	217.4	1.3
	1976	415.0	165.6	r26.0	20.9	66.1	52.6	248.4	1.0
	1977	358.1	153.2	r23.2	18.8	60.8	50.4	204.0	0.9
	1978	376.5	187.5	r22.0	18.0	76.0	71.5	187.8	1.2
	1979	526.1	257.6	21.0	8.0	228.6	d	267.1	1.4
82 TIRE CORD & CORD FABRIC*	1973								
	1974								
	1975								
	1976								
	1977								
	1978								
	1979								

INCLUDED IN TIRES (END USE 65)

NOTES FOR EXPORT ITEMS ABOVE

1. For all lettered and general footnotes to this table, see page 175.

These exports do not duplicate the end use poundages that are reported in Items 1 through 79. Apparel items are not tabulated here because they already have been counted as the fabric was cut, i.e., they are counted only once regardless of the subsequent place of sale or consumer use.

Similarly, fabrics for blankets, sheets, upholstery & draperies, carpets, etc., are excluded since they are measured at the mill level as an end use.

The exports of man-made fiber filament yarn+monofilaments, staple, tow, etc., are not tabulated in this section because these products are not a factor in U.S. mill consumption.

On the other hand, the two export items are recorded because, while they were processed or fabricated in U.S. mills, they were exported before reaching the point at which end use is measured.

These data agree with the corresponding figures on page 29 of the March 1980 ORGANON, as revised.

80. YARN, THREAD, ETC. consists of sliver, tops & roving; plied, thrown and spun yarn; sewing thread and handwork yarns; cotton twine and cordage; and advanced wool.

81. WOVEN & KNIT FABRIC consists of broad & narrow woven fabrics and knit cloth, except that cotton also includes table damask and tire cord & fabric. See footnote 7 on page 29 of the March 1980 ORGANON.

82. TIRE CORD & CORD FABRIC. The data shown in this series in previous ORGANON issues have been incorporated into Item 65, Tires. See footnote 65 on page 179.

(Continued from page 173)

cloths, rugs, etc., are not included in the survey poundages presented herewith.

The method employed for estimating the end uses of man-made fibers differs from that used for the natural fibers. For the man-made fibers, the data are based on producers' domestic shipments plus imports of fiber, yarn and semimanufactured products.

In the case of cotton, the data of the National Cotton Council were used extensively. For wool, government data plus estimates from other trade sources were employed.

END USE VS. AVAILABLE SUPPLY

A comparison of mill consumption plus semimanufactured imports (Available Supply) with end use consumption is presented in the center table on page 171. While more specific reasons which affect the correlation between these series are described in the following sections, some general remarks are presented here.

Cotton. End Use is lower than Available for most years; the same situation obtains in the National Cotton Council's survey data. Two reasons for this are advanced by the Council: a) many small uses are not included in the survey and b) estimates of materials consumed are based on "typical" cotton yarns and fabrics and not on the actual weights of every type of yarn and fabric consumed in the various end uses.

Timing and inventory changes also play a significant role. For example, some raw cotton correctly reported as "consumed" by the Census Bureau in the calendar year 1978 was not actually incorporated into end products until 1979 because of the time lags and inventory fluctuations involved in moving from raw fiber in the bale to a finished garment or other textile product. Similarly, an indeterminate amount of cotton consumed in 1979 was not embodied in finished products until 1980.

As noted, the cotton series herewith are mainly those of the National Cotton Council as presented in its annual survey "Cotton Counts Its Customers" (1980 and earlier editions).

Wool. Blends of wool with other fibers are common in many end uses, but little information is available on the fiber composition of these blends. Thus relatively reliable measures are available mainly on the wool poundages used in Home Furnishings (blankets and carpets) and such Apparel items as Retail Piece Goods and Craft Yarns.

These poundages were deducted from the Available Supply in the page 171 table and the residual poundages were then attributed to Apparel. Usage in individual apparel items for the years 1973-1979 was calculated by correlating the data of Census reports MA-23A and MQ-22T on Apparel and Broad Woven Goods respectively.

Man-Made Fibers. As will be seen, there is relatively good correlation between End Use and Available.

The fluctuations of producers' domestic shipments, as well as imports, from year to year are significant. In years when there is a large increase in domestic shipments plus imports of fiber (Available Supply), it is probable that some of the increase went into mill and manufacturers' inventories rather than directly into the end uses. Both warehouse inventories of yarn and staple and goods-in-process inventories would be involved. For example, it is likely that some of the large increase in the Available Supply between 1976 and 1977 was absorbed in inventories at various stages of the production process. In a period when Available Supply falls sharply (1973-1974 and 1974-1975, for instance) the movement is reversed. In a period of slower activity, mills and manufacturers reduce their warehouse inventories and work-in-process to reflect the lower level of activity.

However, the end uses of only two products were calculated to take into account these annual increment or decrement poundages. These are carpet face and primary backing fibers (see footnotes on page 177).

UNIT PRODUCTION VS. FIBER CONSUMED

The survey attempts to show the poundage of raw fiber which had to be put into process in order to manufacture the end products itemized. Thus no direct comparison can be, or should be, made between the poundages of the fibers consumed, as recorded here, and the finished or "shelf" weight of those end products by fiber.

Several reasons for this disparity are discussed on pages 167 and 170 of the November 1976 ORGANON issue.

THE UTILITY POUNDAGE CONCEPT

The expression "Utility Poundage" was originated by the Textile Economics Bureau several years ago.

The principle involved is that textile fiber consumption, in terms of the consumers' use, cannot be accurately measured in absolute pounds when one fiber is compared with another. Among the variables taken into account are the different losses involved in spinning and processing the fibers and the differences in typical fabric weights of products made of the various fibers, as described. Because of these variables, in most cases a pound of man-made fiber replaces more than a pound of natural fiber. However, no means of quantifying this difference in any reliable manner is available. Therefore, all figures in this end use study are on an actual rather than a Utility Poundage basis.

LIMITATIONS OF THE SURVEY RESULTS

The statistical results of an end use survey can be only approximations at best. But when the data are viewed as one fiber relative to another, and not as absolute values, then they may be regarded as measuring the long-term trend results of competition between the fibers.

The data are given in millions of pounds and include one decimal place to show hundred thousand pounds. This device is employed not to show great accuracy, but rather to take into account some small poundages of fibers in such end uses as Apparel Lace (Item 43) and still allow the compilation to add arithmetically.

U.S. APPAREL MARKET

The table on page 183 shows estimates of the 1976-1979 apparel market in the United States in terms of pounds on a raw fiber basis.

It is also based on available supply rather than consumption per se. The table also shows how the Bureau arrives at the apparel totals on page 174.

In the case of the man-made fibers, the data on domestic shipments of fiber by end use as reported to the Bureau by U.S. producers are the starting point. We then estimated that portion of known fiber imports which go to the apparel sector. Thus, the total of domestic shipments plus fiber imports is the rough equivalent of mill consumption for cotton and/or wool.

The next step was to estimate that portion of known fabric imports which would be slated for the apparel sector at the cutting level and add it to the total above. Conversely, known fabric exports (see Item 81 on page 180) were deducted from the total, except for estimated nonapparel poundages.

The resulting total is the apparent consumption of fiber and fabric at the cutting level. By adding to this total the net imports of garments (see page 29 of the March 1980 ORGANON issue), we arrived at the total available for domestic consumption.

For the cotton and wool data, we then added to the mill consumption (i.e., fabric from U.S. mills) the imported yarn and fabric for nonapparel uses. For wool, the nonapparel applications were negligible. Here again, we arrived at the apparent consumption of wool and cotton at the cutting level.

By adding the net imports of garments, we determined the total available to U.S. consumers.

Thus the grand total of cotton, wool and man-made fiber products available for apparel on a domestic consumption basis was calculated to have been 5,672 million pounds in 1979, as compared with 5,855 million in 1978.

It is further calculated that imported yarn, fabric and garments constituted about 21% of the available supply of the U.S. apparel market in 1979. This compares with about 25% in 1978.

QUARTERLY U.S. MAN-MADE FIBER REVIEW

Output of non-cellulosic yarn+monofilaments (except saran and spandex) totaled 816.6 million pounds, a decrease of 73.2 million pounds or 8% below the previous quarter and 18% below that produced during the corresponding 1979 quarter. For the first three quarters of 1980, output of these fibers was 2,723.8 million pounds or 12% below that of the first nine months of 1979.

Production of non-cellulosic staple+tow+fiberfill during the most recent quarter totaled 959.4 million pounds, an increase of 19.9 million pounds or 2% over the previous quarter but a 10% decrease from the corresponding 1979 quarter. Output during the first nine months of 1980, at 3,004.3 million pounds, was 5½% less than that of the first three months of 1979.

Shipments of non-cellulosic yarn+monofilaments (except saran and spandex) in the latest quarter were 884.6 million pounds, slightly less than the 885.8 million pounds shipped the previous quarter but 11% below the deliveries of the corresponding 1979 quarter. Shipments of these fibers for the first three quarters of 1980, at 2,788.3 million pounds, were 9½% below those of the corresponding 1979 period.

Deliveries of non-cellulosic staple+tow+fiberfill during the most recent quarter totaled 998.3 million pounds, 4% more than the 960.6 million pounds shipped during the second quarter 1980, but 5½% less than the corresponding 1979 period. For the first nine months of 1980, shipments totaled 3,030.0 million pounds, 5½% less than that delivered during the first three quarters of 1979.

Third quarter 1980 textile glass fiber production totaled 183.3 million pounds, a decrease of 18% from the second quarter level. The 1979 and 1980 nine months' output of textile glass were 774.6 million pounds and 649.6 million pounds respectively, a decrease of 16%.

July-September deliveries of textile glass fiber were 192.5 million pounds, a decrease of 1½% from second quarter 1980 shipments. Thus shipments exceeded production by 9.2 million pounds and producers' stocks decreased by the same amount to 149.7 million pounds as of September 30th.

ESTIMATES OF THE APPAREL MARKET IN THE U.S., 1976-1979
AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS
MILLION POUNDS (RAW FIBER BASIS)

ITEM	1976 TOTAL	1976 TOTAL IMPORTS	1976 % TOTAL IMPORTS	1977 TOTAL	1977 TOTAL IMPORTS	1977 % TOTAL IMPORTS	1978 TOTAL	1978 TOTAL IMPORTS	1978 % TOTAL IMPORTS	1979 TOTAL	1979 TOTAL IMPORTS	1979 % TOTAL IMPORTS
COTTON												
IMPORTS OF YARN FOR APPAREL[1]	26	26		14	14		31	31		12	12	
+IMPORTS OF FABRIC FOR APPAREL[1,2]	225	225		155	155		195	195		150	150	
+FABRIC FROM U.S. MILLS	1,485			1,566			1,445			1,516		
ORGANON END USE SURVEY - COTTON APPAREL[3]	1,736	251		1,735	169		1,671	226		1,678	162	
+IMPORTS OF GARMENTS[1]	293	293		348	348		430	430		426	426	
-EXPORTS OF GARMENTS[1]	54			65			62			91		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1,975**	**544**	*27.5*	**2,018**	**517**	*25.6*	**2,039**	**656**	*32.2*	**2,013**	**588**	*29.2*
MAN-MADE FIBERS												
DOMESTIC SHIPMENTS FOR APPAREL[4]	2,960			3,179			3,189			3,304		
+IMPORTS OF FIBER/YARN FOR APPAREL[5]	165	165		190	190		179	179		100	100	
+IMPORTS OF FABRIC FOR APPAREL[1,6]	76	76		79	79		100	100		75	75	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS[1,7]	182			180			208			286		
ORGANON END USE SURVEY - MMF APPAREL[3]	3,019	241		3,268	269		3,260	279		3,193	175	
+IMPORTS OF GARMENTS[1]	344	344		366	366		426	426		360	360	
-EXPORTS OF GARMENTS[1]	34			40			49			61		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3,329**	**585**	*17.6*	**3,594**	**635**	*17.7*	**3,637**	**705**	*19.4*	**3,492**	**535**	*15.3*
WOOL												
IMPORTS OF YARN FOR APPAREL[1]	6	6		7	7		6	6		4	4	
+IMPORTS OF FABRIC FOR APPAREL[1]	12	12		19	19		26	26		22	22	
+FABRIC FROM U.S. MILLS	109			107			108			108		
ORGANON END USE SURVEY - WOOL APPAREL[3]	127	18		133	26		140	32		134	26	
+IMPORTS OF GARMENTS[1]	33	33		44	44		45	45		39	39	
-EXPORTS OF GARMENTS[1]	2			2			6			6		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**158**	**51**	*32.3*	**175**	**70**	*40.0*	**179**	**77**	*43.0*	**167**	**65**	*38.9*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5,462**	**1,180**	*21.6*	**5,787**	**1,222**	*21.1*	**5,855**	**1,438**	*24.6*	**5,672**	**1,188**	*20.9*

1. See page 29 of the March 1980 ORGANON issue.
2. Total cotton fabric imports less estimated poundages for nonapparel uses.
3. See page 174 herewith.
4. Domestic shipments of man-made fibers used in calculating the apparel end uses shown on page 174.
5. Grand Total man-made fiber imports from page 140 of the September 1980 ORGANON issue less estimated poundages for nonapparel uses.
6. Total man-made fiber fabric imports from page 29 of the March 1980 ORGANON issue less estimated poundages for nonapparel uses.
7. Exports of spun yarn, thread and fabric from page 29 of the March 1980 ORGANON issue less estimated poundages for nonapparel uses.

Acetate filament yarn output last quarter totaled 77.5 million pounds, a decrease of 4.6 million pounds at 5½% from the second quarter and 1½% below third quarter 1979 levels. However, production during the first three quarters of 1980, at 239.6 million pounds, was 2% more than that of the first three quarters of 1979.

Third quarter 1980 production of rayon staple+tow totaled 101.0 million pounds, 11% less than the second quarter this year, and 21% less than the July-September 1979 output. Output for the first nine months of 1980, at 341.3 million pounds, was 17% below that of the corresponding 1979 period.

OCTOBER SHIPMENTS CONTINUE STRONG

October shipments of non-cellulosic fibers (except saran & spandex) totaled 721.8 million pounds, 5½% above September shipments of 683.9 million pounds and at their highest level since October 1979. However, shipments for the first ten months of 1980, at 6,540.1 million pounds, were 7% below those of January-October 1979.

Non-cellulosic filament yarn+monofilaments (except saran & spandex) totaled 340.6 million pounds in October, 5½% above September's level of 323.2 million pounds. However, year-to-date shipments at 3,128.9 million pounds were 9% below that of the corresponding 1979 period.

Producers' shipments of non-cellulosic staple+tow+fiberfill for October totaled a record 381.2 million pounds, an increase of 5½% over the previous month's shipments of

QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1978 1ST Q	1978 2ND Q	1978 3RD Q	1978 4TH Q	1978 YEAR	1979 1ST Q	1979 2ND Q	1979 3RD Q	1979 4TH Q	1979 YEAR	1980 1ST Q	1980 2ND Q	1980 3RD Q	1980 4TH Q	1980 YEAR
	YARN - MONOFILAMENTS[1]														
ACETATE															
PRODUCTION	71.5	76.3	76.9	76.2	300.9	78.2	78.4	78.8	81.2	316.6	80.0	82.1	77.5		
SHIPMENTS - DOMESTIC	68.3	71.1	69.0	66.2	274.6	71.8	72.2	72.0	72.4	288.4	72.9	71.9	64.7		
- EXPORT	6.8	6.6	7.0	7.2	27.6	9.4	7.3	6.7	8.4	31.8	7.8	8.7	7.7		
- TOTAL	75.1	77.7	76.0	73.4	302.2	81.2	79.5	78.7	80.8	320.2	80.7	80.6	72.4		
ENDING STOCK	13.1	11.7	12.6	15.4		12.4	11.3	11.4	11.8		11.1	12.6	17.7		
NYLON+ARAMID															
PRODUCTION	391.7	413.2	418.4	430.7	1654.0	442.5	440.9	439.0	459.2	1781.6	453.1	398.3	331.9		
SHIPMENTS - DOMESTIC	376.5	386.3	390.2	386.1	1539.1	405.3	424.0	400.1	401.9	1631.3	411.2	343.6	339.9		
- EXPORT	23.0	28.3	26.3	30.4	108.0	35.1	34.9	37.1	39.3	146.4	40.0	41.3	44.0		
- TOTAL	399.5	414.6	416.5	416.5	1647.1	440.4	458.9	437.2	441.2	1777.7	451.2	384.9	383.9		
ENDING STOCK	141.8	140.4	142.3	156.5		158.6	140.6	142.4	160.4		162.3	175.7	123.7		
OLEFIN[2]															
PRODUCTION	145.2	155.3	146.9	149.2	596.6	155.1	161.4	157.0	165.6	639.1	168.1	152.8	146.8		
SHIPMENTS - DOMESTIC	137.3	153.9	140.5	148.0	579.7	150.6	160.3	154.0	159.3	624.2	156.9	143.9	147.3		
- EXPORT	3.9	3.6	3.6	4.1	15.2	5.6	4.6	5.4	5.5	21.1	6.2	5.3	4.4		
- TOTAL	141.2	157.5	144.1	152.1	594.9	156.2	164.9	159.4	164.8	645.3	163.1	149.2	151.7		
ENDING STOCK	75.6	73.4	76.2	73.3		72.2	68.7	66.3	67.1		72.1	75.7	70.8		
POLYESTER															
PRODUCTION	373.0	383.0	390.2	417.5	1563.7	459.6	457.3	399.9	398.8	1715.6	396.2	338.7	337.9		
SHIPMENTS - DOMESTIC	356.3	382.1	374.8	394.4	1507.6	406.1	402.8	352.0	364.2	1525.1	369.2	310.7	320.4		
- EXPORT	12.3	14.4	22.3	25.3	74.3	31.6	35.6	44.4	40.2	151.8	34.4	41.0	28.6		
- TOTAL	368.6	396.5	397.1	419.7	1581.9	437.7	438.4	396.4	404.4	1676.9	403.6	351.7	349.0		
ENDING STOCK	136.2	122.7	115.8	113.6		135.5	154.4	157.9	152.3		144.9	131.9	120.8		
TOTAL NON-CELLULOSIC ABOVE															
PRODUCTION	909.9	951.5	955.5	997.4	3814.3	1057.2	1059.6	995.9	1023.6	4136.3	1017.4	889.8	816.6		
SHIPMENTS - DOMESTIC	870.1	922.3	905.5	928.5	3626.4	962.0	987.1	906.1	925.4	3780.6	937.3	798.2	807.6		
- EXPORT	39.2	46.3	52.2	59.8	197.5	72.3	75.1	86.9	85.0	319.3	80.6	87.6	77.0		
- TOTAL	909.3	968.6	957.7	988.3	3823.9	1034.3	1062.2	993.0	1010.4	4099.9	1017.9	885.8	884.6		
ENDING STOCK	353.6	336.5	334.3	343.4		366.3	363.7	366.6	379.8		379.3	383.3	315.3		
DOMESTIC SHIPMENTS	870.1	922.3	905.5	928.5	3626.4	962.0	987.1	906.1	925.4	3780.6	937.3	798.2	807.6		
IMPORTS - TEXTURED YARN[3]	5.9	3.9	2.8	2.2	14.8	1.1	1.0	1.4	0.9	4.4	0.6	0.9	1.9		
- OTHER YARN[3]	14.9	12.2	8.0	4.3	39.4	5.2	4.5	3.0	2.6	15.3	3.1	3.7	6.1		
- MONOFILAMENTS	0.3	0.4	0.4	0.5	1.6	0.5	0.5	0.5	0.9	2.4	1.4	1.3	0.8		
TOTAL IMPORTS	21.1	16.5	11.2	7.0	55.8	6.8	6.0	4.9	4.4	22.1	5.1	5.9	8.8		
TOTAL AVAILABLE	891.2	938.8	916.7	935.5	3682.2	968.8	993.1	911.0	929.8	3802.7	942.4	804.1	816.4		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

1. Data for rayon and "Other" non-cellulosic yarns (chiefly saran & spandex) are available annually only; see pages 12 & 13 of the February 1980 ORGANON issue.

2. Olefin Yarn+Monofilament data also include film fiber as well as spunbonded polypropylene.

3. Yarn imports include singles and plied.

4. Acetate staple+tow data are available annually only; see pages 12 & 13 of the February 1980 ORGANON issue.

5. These figures are composites of the nylon, acrylic+modacrylic and polyester staple imports, i.e., Commodity Numbers 309.4338, .4342 & .4345.

360.7 million pounds and 0.5 million pounds above the previous record of 380.7 million pounds shipped during October 1979. However, shipments for January-October 1980, at 3,411.2 million pounds, were 5% below those of the same 1979 period.

Acetate yarn shipments last month totaled 25.0 million pounds, 8½% above September's deliveries. However, year-to-date shipments of 258.7 million pounds are running 3½% behind last year's level.

October shipments of rayon staple+tow totaled 37.9 million pounds, 2½% above September's level. However, on a year-to-date comparison, 1980 shipments of 380.0 million pounds are 17% behind 1979 deliveries.

SHIPMENTS BY PRIMARY TRADE OR END USE

The tables on pages 186 and 187 present a breakdown of domestic filament yarn and staple+tow shipments by primary trade or major

(Continued on page 186)

QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1978 1ST Q	1978 2ND Q	1978 3RD Q	1978 4TH Q	1978 YEAR	1979 1ST Q	1979 2ND Q	1979 3RD Q	1979 4TH Q	1979 YEAR	1980 1ST Q	1980 2ND Q	1980 3RD Q	1980 4TH Q	1980 YEAR
	STAPLE+TOW[4]														
RAYON															
PRODUCTION	129.3	131.7	133.8	139.8	534.6	142.7	142.7	128.1	135.9	549.4	126.9	113.4	101.0		
SHIPMENTS - DOMESTIC	118.0	116.9	115.2	109.1	459.2	117.6	110.3	105.9	108.6	442.4	114.2	92.6	87.3		
- EXPORT	12.3	17.5	27.3	39.4	96.5	26.3	22.5	27.8	23.5	100.1	14.0	17.8	16.2		
- TOTAL	130.3	134.4	142.5	148.5	555.7	143.9	132.8	133.7	132.1	542.5	128.2	110.4	103.5		
ENDING STOCK	48.8	46.1	37.4	28.7		27.5	37.4	31.8	35.6		34.3	37.3	34.8		
DOMESTIC SHIPMENTS	118.0	116.9	115.2	109.1	459.2	117.6	110.3	105.9	108.5	442.4	114.2	92.6	87.3		
IMPORTS FOR CONSUMPTION															
STAPLE	13.5	10.4	9.9	4.0	37.8	6.3	4.3	2.0	1.3	13.9	1.4	1.3	2.4		
GROUPED FILAMENTS	0.5	1.3	0.9	0.6	3.3	0.5	0.9	0.7	0.5	2.6	0.7	0.7	0.3		
TOTAL IMPORTS	14.0	11.7	10.8	4.6	41.1	6.8	5.2	2.7	1.8	16.5	2.1	2.0	2.7		
TOTAL AVAILABLE	132.0	128.6	126.0	113.7	500.3	124.4	115.5	108.6	110.4	458.9	116.3	94.6	90.0		
NYLON+ARAMID															
PRODUCTION	219.5	218.0	224.3	234.1	895.9	233.4	236.9	233.6	234.9	938.8	214.0	128.3	161.2		
SHIPMENTS - DOMESTIC	210.6	211.6	227.1	227.1	876.4	230.1	235.9	227.8	219.4	913.2	171.9	133.2	187.6		
- EXPORT	5.4	5.3	5.1	5.0	20.8	7.2	7.4	8.4	8.3	31.3	8.8	6.1	7.7		
- TOTAL	216.0	216.9	232.2	232.1	897.2	237.3	243.3	236.2	227.7	944.5	180.7	139.3	195.3		
ENDING STOCK	61.5	62.6	54.7	56.7		52.8	46.4	43.8	51.0		84.3	73.3	39.2		
IMPORTS	2.8	1.2	1.6	0.7	6.3	0.8	0.4	0.7	0.5	2.4	0.3	0.5	0.3		
TOTAL AVAILABLE	213.4	212.8	228.7	227.8	882.7	230.9	236.3	228.5	219.9	915.6	172.2	133.7	187.9		
ACRYLIC+MODACRYLIC															
PRODUCTION	189.8	189.9	169.8	176.2	725.7	187.3	192.4	184.2	197.2	761.1	206.4	197.7	182.1		
SHIPMENTS - DOMESTIC	167.6	149.3	129.8	124.9	571.6	134.7	146.3	125.6	140.0	546.6	161.6	155.7	124.9		
- EXPORT	27.7	30.4	39.5	53.1	150.7	52.2	56.3	61.0	54.1	223.6	50.6	43.9	47.1		
- TOTAL	195.3	179.7	169.3	178.0	722.3	186.9	202.6	186.6	194.1	770.2	212.2	199.6	172.0		
ENDING STOCK	60.9	71.1	71.6	69.8		70.2	60.0	57.6	60.7		54.9	53.0	63.1		
IMPORTS	6.6	6.0	2.7	2.9	18.2	2.8	4.3	3.5	2.4	13.0	3.4	4.3	2.6		
TOTAL AVAILABLE	174.2	155.3	132.5	127.8	589.8	137.5	150.6	129.1	142.4	559.6	165.0	160.0	127.5		
OLEFIN-VINYON															
PRODUCTION	23.6	24.2	23.2	24.3	95.3	29.1	32.3	28.2	30.6	120.2	30.7	30.3	26.5		
SHIPMENTS - DOMESTIC	22.3	22.7	22.5	22.5	90.0	30.1	31.4	28.0	29.8	119.3	28.9	26.3	27.0		
- EXPORT	0.1	0.4	0.2	0.2	0.9	0.1	0.3	1.4	1.7	3.5	1.4	0.5	1.0		
- TOTAL	22.4	23.1	22.7	22.7	90.9	30.2	31.7	29.4	31.5	122.8	30.3	26.8	28.0		
ENDING STOCK	19.6	20.7	21.2	22.8		21.7	22.3	21.1	20.2		20.6	24.1	22.6		
POLYESTER															
PRODUCTION	569.2	564.7	534.8	567.1	2235.8	606.6	605.5	618.2	631.9	2462.2	654.3	583.2	589.6		
SHIPMENTS - DOMESTIC	508.1	493.4	469.2	496.8	1967.5	537.6	543.4	522.8	530.6	2134.4	563.1	483.8	466.3		
- EXPORT	53.7	42.4	78.2	64.7	239.0	85.1	59.8	82.2	107.7	334.8	84.8	111.1	136.2		
- TOTAL	561.8	535.8	547.4	561.5	2206.5	622.7	603.2	605.0	638.3	2469.2	647.9	594.9	603.0		
ENDING STOCK	164.3	193.2	180.6	186.2		170.1	172.4	185.6	179.2		185.6	173.9	160.5		
IMPORTS	1.8	2.2	2.5	1.2	7.7	0.8	1.1	0.5	0.7	3.1	0.4	0.3	0.3		
TOTAL AVAILABLE	509.9	495.6	471.7	498.0	1975.2	538.4	544.5	523.3	531.3	2137.5	563.5	484.1	467.1		
TOTAL NON-CELLULOSIC															
PRODUCTION	1002.1	996.8	952.1	1001.7	3952.7	1056.4	1067.1	1064.2	1094.6	4282.3	1105.4	939.5	959.4		
SHIPMENTS - DOMESTIC	908.6	877.0	848.6	871.3	3505.5	932.5	957.0	904.2	919.8	3713.5	925.5	799.0	806.3		
- EXPORT	86.9	78.5	123.0	123.0	411.4	144.6	123.8	153.0	171.8	593.2	145.6	161.6	192.0		
- TOTAL	995.5	955.5	971.6	994.3	3916.9	1077.1	1080.8	1057.2	1091.6	4306.7	1071.1	960.6	998.3		
ENDING STOCK	306.3	347.6	328.1	335.5		314.8	301.1	308.1	311.1		345.4	324.3	285.4		
DOMESTIC SHIPMENTS	908.6	877.0	848.6	871.3	3505.5	932.5	957.0	904.2	919.8	3713.5	925.5	799.0	806.3		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[5]	11.2	9.4	6.8	4.8	32.2	4.4	5.8	4.7	3.6	18.5	4.1	5.1	3.2		
OTHER N.C. STAPLE	6.1	5.3	5.3	4.6	21.3	4.2	3.8	3.9	3.9	15.8	3.9	3.4	3.1		
GROUPED FILAMENTS	2.4	1.8	2.1	0.7	7.0	1.0	1.3	1.3	1.4	5.0	1.6	1.3	0.6		
TOTAL IMPORTS	19.7	16.5	14.2	10.1	60.5	9.6	10.9	9.9	8.9	39.3	9.6	9.8	6.9		
TOTAL AVAILABLE	928.3	893.5	862.8	881.4	3566.0	942.1	967.9	914.1	928.7	3752.8	935.1	808.8	813.2		
	TEXTILE GLASS FIBER														
PRODUCTION	225.2	229.1	233.7	235.3	923.3	232.1	278.8	263.7	239.8	1014.4	242.3	224.0	183.3		
SHIPMENTS - DOMESTIC	200.9	218.4	226.9	218.7	864.9	228.0	260.3	207.1	216.8	912.2	249.7	181.2	182.4		
- EXPORT	7.7	5.8	6.9	7.3	27.7	9.2	11.5	13.5	14.1	48.3	15.2	13.8	10.1		
- TOTAL	208.6	224.2	233.8	226.0	892.6	237.2	271.8	220.6	230.9	960.5	264.9	195.0	192.5		
ENDING STOCK	84.5	89.4	89.3	98.6		93.5	100.5	143.6	152.5		129.9	158.9	149.7		
IMPORTS	10.2	5.4	2.6	3.6	21.8	2.4	3.3	2.7	2.0	10.4	2.0	2.0	1.7		
TOTAL AVAILABLE	211.1	223.8	229.5	222.3	886.7	230.4	263.6	209.8	218.8	922.6	251.7	183.2	184.1		

FILAMENT YARN DOMESTIC SHIPMENTS[1]

MILLION POUNDS

ITEM		ANNUAL DATA 1976	1977	1978	1979	QUARTERLY DATA 1979 1ST Q	2ND Q	3RD Q	4TH Q	1980 1ST Q	2ND Q	3RD Q	4TH Q
		(A) ACETATE		(N) NYLON+ARAMID		(P) POLYESTER				(O) OLEFIN			
HOSIERY[2]	N	85.0	88.8	99.0	106.3	26.5	26.4	26.5	26.9	27.2	26.7	25.1	
OTHER CIRCULAR KNIT[3]	N	58.6	68.9	65.5	58.9	18.0	15.4	13.9	11.6	14.3	13.0	11.9	
	P	721.7	738.7	635.5	661.8	176.2	172.0	155.9	157.7	148.9	103.8	114.8	
	A	2.1	1.6	1.9	4.5	0.9	1.3	1.3	1.0	1.0	0.8	0.7	
FLAT KNIT	A	110.3	124.2	138.3	146.9	35.3	37.0	36.9	37.7	37.4	40.0	35.9	
	N	158.0	165.6	196.1	202.6	52.8	50.4	49.3	50.1	50.3	42.3	35.2	
	P	67.0	85.9	81.7	83.0	19.6	22.6	21.0	19.8	22.7	16.3	19.8	
CARPET FACE	N	511.9	617.8	677.8	732.5	164.1	196.8	187.9	183.7	183.5	157.5	168.9	
	O	65.8	67.0	78.9	85.3	20.7	20.9	20.7	23.0	24.3	20.9	20.4	
CARPET BACKING[4]	O	177.7	196.4	213.7	220.7	54.3	56.8	54.6	55.0	52.5	44.4	49.7	
OTHER BROAD WOVEN[5]	A	127.2	126.2	125.9	129.2	33.8	32.0	32.1	31.3	32.7	27.4	25.6	
	N	98.6	87.7	95.0	102.7	26.1	25.8	24.4	26.4	26.9	25.9	18.1	
	P	236.7	315.9	411.5	408.9	107.3	107.5	94.5	99.6	100.9	102.3	96.8	
	O	144.0	162.9	158.7	171.4	40.2	42.3	42.8	46.1	42.6	43.3	47.1	
NARROW WOVEN[6]	A	8.1	5.9	7.0	5.9	1.5	1.4	1.2	1.8	1.5	3.2	2.0	
	N	38.9	38.0	40.6	37.2	10.5	9.9	8.2	8.6	9.3	7.3	7.6	
	P	15.7	24.0	29.1	30.5	8.0	8.4	6.6	7.5	8.1	5.5	6.3	
	O	9.8	10.3	11.1	11.8	2.6	2.8	3.0	3.4	3.2	3.0	3.1	
TIRES, INCL. CHAFER	N	246.0	244.1	267.6	285.3	82.5	70.0	63.3	69.5	72.2	47.6	45.1	
	P	263.2	258.0	253.4	226.7	70.6	62.5	47.4	46.2	45.6	31.2	37.0	
OTHER RUBBER INDUSTRY[7]	N	26.0	22.5	25.7	28.7	6.5	7.4	8.2	6.6	6.1	4.9	4.8	
	P	26.9	30.1	32.0	36.1	9.6	10.2	7.7	8.6	10.0	6.1	6.7	
ROPE, CORDAGE & FISHLINE	N	28.5	28.1	33.4	38.2	9.2	10.2	9.6	9.2	9.6	7.6	7.7	
	P	8.0	10.4	10.6	13.6	3.4	3.2	3.0	4.0	3.0	3.6	3.0	
	O	71.0	74.4	82.4	95.3	23.9	27.4	22.8	21.2	20.7	23.4	18.8	
ALL OTHER[8]	A	1.7	1.5	1.5	1.9	0.3	0.5	0.5	0.6	0.3	0.5	0.5	
	N	27.8	34.7	38.4	38.9	9.1	11.7	8.8	9.3	11.8	10.8	15.5	
	P	34.7	47.6	53.8	64.5	11.4	16.4	15.9	20.8	30.0	41.9	36.0	
	O	13.7	28.6	34.9	39.7	8.9	10.1	10.1	10.6	13.6	8.9	8.2	
TOTAL DOMESTIC ABOVE	A	249.4	259.4	274.6	288.4	71.8	72.2	72.0	72.4	72.9	71.9	64.7	
	N	1279.3	1396.2	1539.1	1631.3	405.3	424.0	400.1	401.9	411.2	343.6	339.9	
	P	1373.9	1510.6	1507.6	1525.1	406.1	402.8	352.0	364.2	369.2	310.7	320.4	
	O	482.0	539.6	579.7	624.2	150.6	160.3	154.0	159.3	156.9	143.9	147.3	
TOTAL DOMESTIC ABOVE		**3384.6**	**3705.8**	**3901.0**	**4069.0**	**1033.8**	**1059.3**	**978.1**	**997.8**	**1010.2**	**870.1**	**872.3**	
ALSO DIVIDED AS													
APPAREL		1518.3	1634.4	1671.2	1704.9	444.9	441.1	407.6	411.3	409.5	347.6	361.8	
HOME FURNISHINGS		928.9	1090.5	1171.9	1239.2	290.5	324.9	311.2	312.6	317.0	279.2	284.4	
INDUSTRIAL		937.4	980.9	1057.9	1124.9	298.4	293.3	259.3	273.9	283.7	243.3	226.1	
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[9]													
ACETATE		1.6	1.0	1.3	-	-	-	0	0	0	0	0	
NYLON		154.2	158.5	161.6	166.8	44.5	42.0	40.7	39.6	40.4	41.6	37.9	
POLYESTER		925.7	1043.1	1018.7	1015.3	267.6	267.5	237.6	242.6	249.1	216.4	225.0	
OLEFIN		40.9	53.8	52.3	46.5	10.8	11.9	11.4	12.4	11.0	9.0	8.1	

1. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.
2. Small poundages of polyester are included in All Other.
3. Small poundages of olefin are included in All Other.
4. Small poundages of nylon and polyester are included in All Other.
5. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.
6. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.
7. Small poundages of olefin are included in All Other.
8. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. As of the 4th Q 1979 All Other also includes Indirect Exports.
9. These poundages are included in the total domestic area above.

end use of the most recent periods.

Shipments of filament yarn in the third quarter 1980 were slightly above the second quarter level, but well below the level of a year ago. Shipments of polyester yarn to the knit trades (both circular and flat) showed a quarter-to-quarter improvement offsetting the decline in shipments to the broad woven trades.

Deliveries of staple+tow during the

STAPLE & TOW DOMESTIC SHIPMENTS

MILLION POUNDS

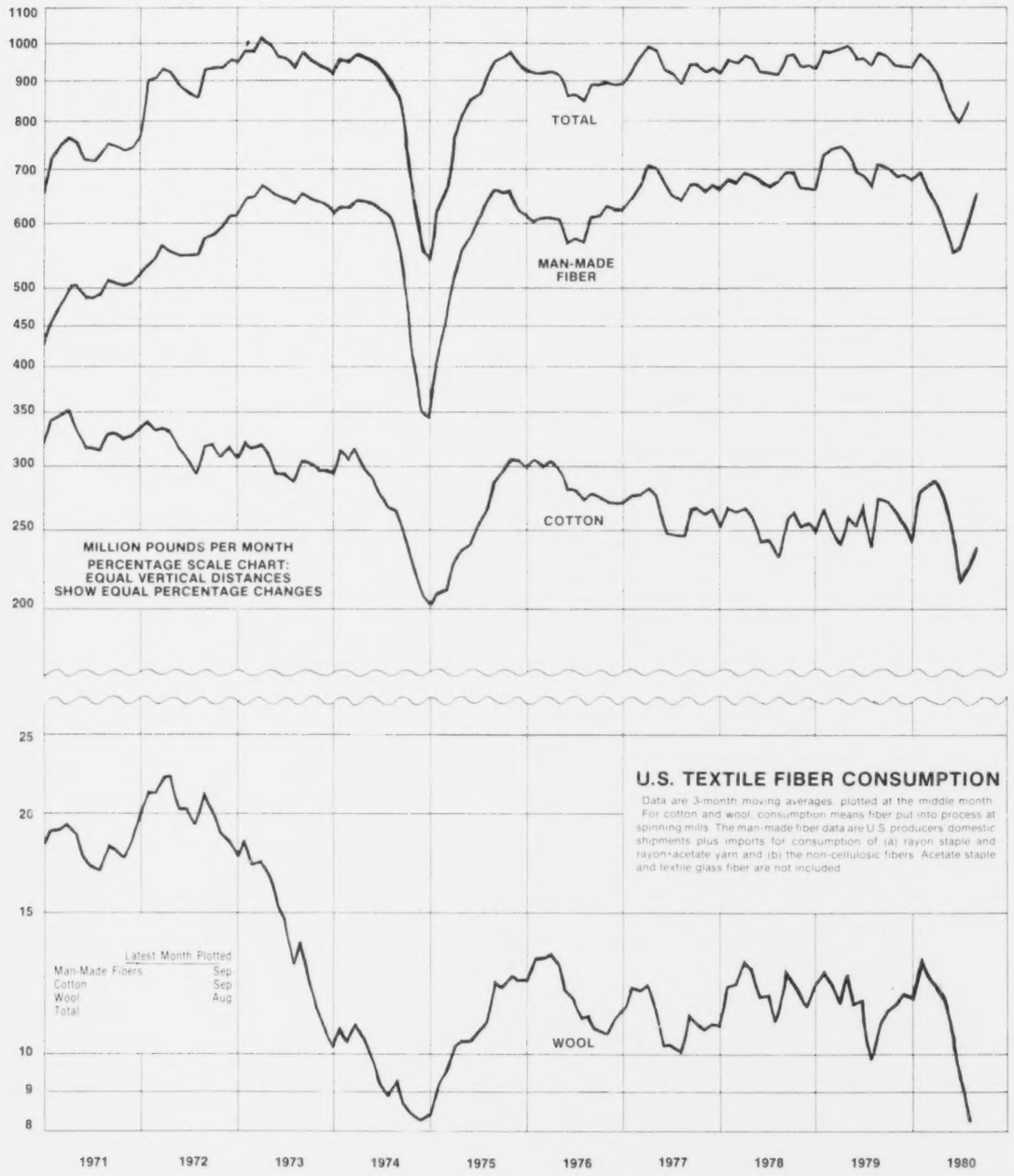
ITEM		ANNUAL DATA 1976	1977	1978	1979	QUARTERLY DATA 1979 1ST Q	2ND Q	3RD Q	4TH Q	1980 1ST Q	2ND Q	3RD Q	4TH Q
	(R) RAYON		(N) NYLON+ARAMID			(A) ACRYLIC+MODACRYLIC				(P) POLYESTER			
HOSIERY, SWEATERS & CRAFT YARNS[1]	A	210.1	262.3	241.8	238.8	52.7	61.9	57.4	66.8	75.8	71.9	56.2	
	NPR	12.4	15.0	24.7	21.3	6.8	6.7	3.7	4.1	4.1	3.3	1.9	
PILE FABRICS[2]	A	73.8	87.6	82.4	65.1	18.5	19.5	14.1	13.0	17.5	18.7	11.7	
	P	20.0	25.4	15.1	17.8	4.4	3.9	4.1	5.4	6.4	4.9	4.1	
OTHER CIRCULAR+FLAT KNIT[3]	R	8.5	11.6	10.8	11.7	3.2	2.7	2.7	3.1	3.8	1.8	2.4	
	A	84.7	111.8	93.1	98.8	24.2	25.4	22.9	26.3	34.8	35.1	27.1	
	P	213.1	204.5	223.7	278.1	69.1	73.9	64.9	70.2	82.9	70.2	64.2	
BLANKETS[2]	A	34.3	50.2	55.2	45.5	11.4	13.8	9.0	11.3	10.7	11.0	11.9	
	P	7.7	15.6	14.9	13.2	3.9	4.0	2.7	2.6	4.2	4.4	4.3	
OTHER BROAD WOVEN	R	240.5	223.0	245.9	233.2	66.4	56.2	56.0	54.6	57.0	43.7	48.0	
	N	39.6	55.4	52.6	59.2	14.7	14.8	14.8	14.9	15.6	9.9	10.2	
	A	21.6	27.2	28.6	42.1	10.6	11.4	9.2	10.9	11.3	10.3	9.1	
	P	1061.2	1105.8	1114.7	1171.0	300.8	299.4	281.8	289.0	324.1	287.2	268.1	
	O	4.1	7.3	10.6	17.0	3.8	5.0	3.5	4.7	4.0	4.3	3.7	
CARPET FACE YARNS	R	0.3	0.1	-	-	-	0	0	0	-	-	-	
	N	607.4	715.0	798.5	828.0	209.9	214.0	206.5	197.6	149.4	115.8	171.3	
	A	87.2	72.7	62.8	48.1	15.0	11.1	11.7	10.3	Included in All Other			
	P	199.6	205.3	200.8	192.4	48.2	51.0	48.3	44.9	32.2	25.1	23.9	
	O	27.1	38.7	46.0	64.7	17.3	16.5	15.1	15.8	14.9	14.7	14.6	
FIBERFILL[4]	P	152.8	176.8	198.2	239.6	58.3	57.5	63.8	60.0	55.5	44.6	52.7	
FLOCK	NP	2.7	5.7	8.2	10.7	2.4	2.5	2.5	3.3	3.4	2.5	2.1	
	R	9.8	6.4	4.7	5.1	1.4	1.1	1.3	1.3	1.2	1.4	1.1	
NONWOVENS[5,6]	R	173.2	174.3	166.2	160.3	39.5	43.7	36.2	40.9	45.1	39.0	29.6	
	N	3.8	4.1	4.3	3.8	1.0	0.7	1.3	0.8	0.9	0.7	0.8	
	P	47.9	57.4	98.5	153.6	37.5	38.4	40.2	37.5	38.9	34.8	38.4	
	VINYON+O	21.6	30.6	28.6	36.7	8.9	9.5	9.1	9.2	9.4	7.1	8.4	
ALL OTHER	R	25.5	26.1	29.5	30.9	6.9	6.2	9.3	8.5	7.0	6.6	6.1	
	N	10.2	9.1	11.1	10.8	2.0	3.6	2.4	2.8	2.6	4.1	2.9	
	A	5.6	8.0	7.7	8.2	2.3	3.2	1.3	1.4	11.5	8.7	8.9	
	P	67.4	80.3	80.7	49.3	6.9	9.3	14.0	17.1	14.9	9.6	9.6	
	VINYON+O	5.8	4.7	4.8	0.9	0.1	0.4	0.3	0.1	0.6	0.2	0.3	
TOTAL DOMESTIC ABOVE	R	461.0	444.9	459.2	442.4	117.6	110.3	105.9	108.6	114.2	92.6	87.3	
	N	665.4	791.7	876.4	913.2	230.1	235.9	227.8	219.4	171.9	133.2	187.6	
	A	517.3	619.8	571.6	546.6	134.7	146.3	125.6	140.0	161.6	155.7	124.9	
	P	1777.2	1880.3	1967.5	2134.4	537.6	543.4	522.8	530.6	563.1	483.8	466.8	
	VINYON+O	58.6	81.3	90.0	119.3	30.1	31.4	28.0	29.8	28.9	26.3	27.0	
TOTAL DOMESTIC ABOVE		**3479.5**	**3818.0**	**3964.7**	**4155.9**	**1050.1**	**1067.3**	**1010.1**	**1028.4**	**1039.7**	**891.6**	**893.6**	
ALSO DIVIDED AS													
APPAREL		1441.2	1551.7	1493.4	1548.6	385.6	401.6	364.7	396.7	460.7	409.1	363.3	
HOME FURNISHINGS		1432.8	1602.2	1714.8	1759.1	457.9	452.9	430.5	417.8	375.1	311.9	358.4	
INDUSTRIAL		605.5	664.1	756.5	848.2	206.6	212.8	214.9	213.9	203.9	170.6	171.9	

1. Olefin poundages are included in All Other.
2. Rayon and nylon poundages are included in All Other.
3. Nylon poundages are included in All Other.
4. Rayon and acrylic poundages are included in All Other.
5. Wet & dry laid and needled batts only.
6. Acrylic poundages are included in All Other.

third quarter were only slightly above the second quarter, but well below the level of third quarter 1979. Shipments of nylon staple to the carpet trades and polyester staple+tow to the fiberfill and nonwoven trades showed improvement over second quarter levels. However, deliveries of acrylic+modacrylic staple +tow to the knit trades, polyester staple+tow to the broad woven trades and rayon staple+tow to the nonwovens trades all show declines from those of the previous quarter.

Drawing the yarn and staple data from the tables above and opposite together, the distribution between the three market segments is as follows (million pounds):

	1976	1977	1978	1979	9 MOS 1980
Apparel	2959	3186	3165	3254	2352
Home Furnishings	2362	2693	2887	2998	1926
Industrial	1543	1645	1814	1973	1300
TOTAL	**6864**	**7524**	**7866**	**8225**	**5578**



U.S. TEXTILE FIBER CONSUMPTION

Data are 3-month moving averages, plotted at the middle month. For cotton and wool, consumption means fiber put into process at spinning mills. The man-made fiber data are U.S. producers' domestic shipments plus imports for consumption of (a) rayon staple and rayon-acetate yarn and (b) the non-cellulosic fibers. Acetate staple and textile glass fiber are not included.

U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1979 1ST Q	1979 2ND Q	1979 3RD Q	1979 4TH Q	1979 YEAR	1980 1ST Q	1980 2ND Q	1980 3RD Q	1980 4TH Q	1980 YEAR
RAYON+ ACETATE											
FILAMENT YARN[1]											
TEXTURED	310.0006	898	973	887	698	3456	321	234	1509		
OTHER[2]	310.0026	6761	7021	5537	7451	26770	6431	6030	5118		
MONOFILAMENTS	309.0110	197	94	84	146	521	89	32	9		
STRIPS	309.2210	27	5	11	0	43	41	1	23		
SUBTOTAL ABOVE		7883	8093	6519	8295	30790	6882	6297	6659		
STAPLE+TOW - RAYON	309.4222	31216	22082	25065	18481	96844	16581	17378	18763		
STAPLE - ACETATE	309.4219	2731	2543	2397	1992	9663	2549	1940	954		
SUBTOTAL ABOVE		33947	24625	27462	20473	106507	19130	19318	19717		
WASTE, ADVANCED & NOT ADVANCED	309.7400	3354	3275	1291	1631	9551	1842	1773	1726		
NON-CELLULOSIC FIBERS											
FILAMENT YARN[1]											
NYLON - TEXTURED	310.0008 & .0009	8399	8332	14684	13382	44797	10848	10303	15608		
- HIGH TENACITY[3]	310.0027	11855	9760	11595	13077	46287	13761	14502	13848		
- OTHER	310.0029	3027	5989	5594	6613	21223	5848	6514	6218		
POLYESTER - TEXTURED	310.0010	11914	19763	30621	23281	85579	22596	29472	30889		
- HIGH TENACITY[3]	310.0032	3589	4304	5740	8774	22407	7995	6763	3883		
- OTHER[4]	310.0034	1947	1879	2784	2006	8616	1103	1886	2329		
OTHER - TEXTURED	310.0014	1344	1633	3277	3739	9993	4086	5077	5599		
- OLEFIN	310.0040	478	495	451	5	1990	389	796	683		
- OTHER	310.0044	1129	1527	1158	1236	5050	1360	1574	1266		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	3590	3787	3589	3950	14916	4364	5002	3647		
POLYESTER[5]	309.0140	8100	5086	4653	3510	21349	3500	6050	5678		
OTHER	309.0170	1640	1549	1383	1355	5927	1762	3233	2114		
STRIPS	309.2220 & .2270	949	890	288	561	2688	715	1328	598		
SUBTOTAL ABOVE		57981	64994	85817	82050	290822	78327	92500	92360		
STAPLE - NYLON	309.4240	9106	8673	7894	8184	33857	8263	5805	7693		
- POLYESTER	309.4242	78261	54897	76790	97298	307246	84380	117941	117965		
- ACRYLIC	309.4245	40728	47326	47675	45383	181112	39136	30799	34986		
- OLEFIN	309.4246	813	2076	2558	1463	6910	866	861	523		
- OTHER	309.4247	3655	4908	3259	4927	16749	4643	5582	3278		
GROUPED FILAMENTS											
NYLON	309.3220	3115	3064	2351	2074	10614	1726	2714	1005		
POLYESTER[4]	309.3240	17981	21002	19484	20439	78566	16041	19690	10025		
ACRYLIC	309.3250 & 3255	4997	5125	4752	8407	23281	8704	7531	6487		
SUBTOTAL ABOVE		158618	147071	164433	188175	858335	163759	190923	181962		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	4505	5148	4260	4121	18034	3620	4563	4018		
POLYESTER	309.7630	12264	16349	18871	29940	77424	22134	17087	10260		
ACRYLIC	309.7640	1571	866	1274	1096	4807	511	511	469		
OTHER	309.7660	7396	9176	9377	11529	37478	11862	11496	7522		
TOTAL MAN-MADE FIBER ABOVE		287537	279597	319304	347310	1233748	308067	344468	324693		
TEXTILE GLASS FIBER	309.2700 & .9700	10244	11867	11866	13517	47494	15164	15511	11719		
GRAND TOTAL ABOVE		297781	291464	331170	360827	1281242	323231	359979	336412		

SOURCE: U.S. Census Bureau Report.

1. Includes thrown, singles and plied yarn.
2. Includes an undetermined amount of rayon tire cord and cord fabric.
3. Includes an undetermined amount of non-cellulosic tire cord and cord fabric.
4. Includes zero twist yarns.
5. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1980 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	9 MONTHS 1980	9 MONTHS 1979
RAYON+ACETATE												
YARN - SINGLES												
TEXTURED	310.0106 & .0206	132	39	80	437	0	77	43	36	--	844	2135
OTHER	310.0130 & .0230[1]	625	675	485	548	785	648	534	584	570	5454	8262
MONOFILAMENTS	309.0310 & .0610	0	0	0	0	0	0	0	0	0	0	--
STRIPS, $1/LB & UNDER	309.2000*	0	0	0	0	0	0	0	0	0	0	81
SUBTOTAL ABOVE		757	714	565	985	785	725	577	620	570	6298	10478
STAPLE	309.4320 & .4325	440	190	800	596	260	408	1257	507	646	5104	12584
GROUPED FILAMENTS	309.3010 & .3110	279	146	264	183	311	213	0	156	171	1723	2130
SUBTOTAL ABOVE		719	336	1064	779	571	621	1257	663	817	6827	14714
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	35	16	0	42	58	0	40	0	35	226	647
NON-CELLULOSIC FIBERS												
YARN - SINGLES												
TEXTURED - NYLON	310.0109 & .0209	44	80	1	71	42	178	78	142	1519	2155	846
- POLYESTER	310.0110 & .0210	32	0	66	82	31	79	3	16	3	312	1005
- OTHER	310.0114 & .0214	43	21	39	37	6	0	20	7	9	182	144
OTHER - NYLON	310.0149 & .0249	514	489	325	257	252	260	327	324	328	3076	5037
- POLYESTER	310.0150 & .0250	488	296	479	726	727	886	435	784	493	5314	6444
- OTHER	310.0170 & .0270[2]	134	117	141	168	91	169	67	82	92	1061	1081
MONOFILAMENTS	309.0200 & .0330[3]	497	287	639	507	357	429	273	300	176	3465	1515
STRIPS, OVER $1/LB	309.2100 & .2500*	16	17	25	32	35	11	20	12	21	189	283
SUBTOTAL ABOVE		1768	1307	1715	1880	1541	2012	1223	1667	2641	15754	16355
STAPLE - NYLON	309.4338	94	67	126	190	194	83	130	101	155	1140	1862
- POLYESTER	309.4342	236	70	62	53	163	73	187	66	121	1031	2382
- ACRYLIC	309.4345	1333	945	1095	1732	1265	1279	1311	585	797	10342	10638
- OLEFIN	309.4346	--	3	3	0	13	41	13	46	24	143	44
- OTHER	309.4355	497	1644	1755	1123	1376	903	999	1008	1070	10375	11837
GROUPED FILAMENTS												
NYLON	309.3030 & .3130	90	26	71	35	103	206	94	40	92	757	532
POLYESTER	309.3040 & .3140	0	0	25	30	40	22	0	--	0	117	43
ACRYLIC	309.3050 & .3150	558	346	299	341	224	87	52	60	82	2049	1884
OTHER	309.3065 & .3165	99	8	151	42	66	81	23	25	37	532	1155
SUBTOTAL ABOVE		2907	3109	3587	3546	3444	2775	2809	1931	2378	26486	30377
WASTE, NOT ADVANCED - NYLON	309.6625	1533	1226	1299	733	1055	1056	900	711	472	8985	9943
- POLYESTER	309.6630	202	283	452	292	301	413	313	633	562	3451	2754
- ACRYLIC	309.6645	156	67	247	315	195	239	223	124	209	1775	1773
- OTHER	309.6660	29	41	172	125	42	123	49	124	6	711	1302
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	0	0	2	0	0	2	0	0	4	3
OTHER WASTE, ADVANCED	309.7525 - 7555	20	58	24	108	51	72	94	5	3	435	684
TOTAL MAN-MADE ABOVE		8126	7157	9125	8807	8043	8036	7487	6478	7693	70952	89030
OTHER MAN-MADE FIBER TOPS, YARN & THREAD												
YARN - PLIED												
TEXTURED - CELLULOSIC	310.1106	0	0	0	0	0	0	0	0	0	0	2
- NON-CELLULOSIC	310.1015[4] & .1109[5]	85	104	75	91	222	97	84	24	16	798	1532
OTHER - CELLULOSIC	310.1030 & .1135[6]	14	21	12	27	18	5	0	0	0	97	19
- NON-CELLULOSIC	310.1050 & .1070[7]	36	14	56	63	49	63	26	23	15	345	162
SPUN YARN - CELLULOSIC	310.4005 & .4030[8]	102	101	116	16	66	30	18	16	27	492	469
- OTHER	310.4015 & .4027[9]	2162	2000	2238	1703	1830	1842	1052	1226	1145	15198	15168
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - 8000	125	177	249	216	236	356	212	154	132	1857	3233
HANDWORK YARNS & SEWING THREAD	310.9000 - 9140	245	191	263	198	152	146	125	194	185	1699	1942
SLIVER, TOPS & ROVING	309.9000	274	111	261	158	355	349	465	151	360	2484	5602
TEXTILE GLASS FIBER	309.2800 & .2900[10]	712	689	603	895	428	717	499	495	625	5663	8407
GRAND TOTAL ABOVE		11881	10565	12998	12174	11399	11641	9968	8761	10198	99585	125566

SOURCE: U.S.Census Bureau.
NES - Not elsewhere specified.
* These items are not reported by the Census as cellulosic vs. non-cellulosic. Any separation between cellulosic and non-cellulosic is estimated, based mainly on average declared value.
1. Also includes 310.0510 & .0610.
2. Also includes 310.0530, .0550, .0630 & .0650.
3. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
4. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
5. Also includes 310.1110 & .1114.
6. Also includes 310.2010 & .2110.
7. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.
8. Also includes 310.5005 & .5030.
9. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
10. Chiefly roving. Also includes 309.9800 & .9900.

SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM	1980 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	9 MONTHS 1980	9 MONTHS 1979
RAYON+ACETATE YARN, MONOFIL & STRIPS											
CANADA	83	33	1	51	33	29	36	36	280	582	1489
MEXICO	154	116	185	109	148	146	80	163	86	1187	1161
WEST GERMANY	159	122	97	129	32	102	51	51	58	801	2641
NETHERLANDS	34	34	29	84	318	228	162	248	17	1154	319
UNITED KINGDOM	140	153	213	562	108	163	151	57	30	1577	3102
JAPAN	143	91	0	50	146	57	57	25	36	605	344
ALL OTHER COUNTRIES[1]	44	165	40	0	0	0	40	40	63	392	1422
TOTAL R+A YARN	757	714	565	985	785	725	577	620	570	6298	10478
RAYON+ACETATE STAPLE+TOW											
CANADA	68	131	130	61	115	142	87	92	259	1085	1249
AUSTRIA	20	0	110	80	88	55	213	188	301	1055	5241
WEST GERMANY	18	--	38	23	7	20	0	19	5	130	372
SWEDEN	321	41	476	410	0	0	897	228	0	2373	4983
UNITED KINGDOM	202	133	107	160	341	192	0	108	0	1243	1505
JAPAN	87	29	198	45	0	135	60	28	207	789	688
ALL OTHER COUNTRIES[2]	3	2	5	0	20	77	--	0	45	152	676
TOTAL R+A STAPLE	719	336	1064	779	571	621	1257	663	817	6827	14714
NON-CELLULOSIC YARN, MONOFIL & STRIPS											
ARGENTINA	43	43	57	43	36	89	0	0	0	311	50
CANADA	42	102	57	196	59	261	59	2	1441	2219	377
BELGIUM	1	24	--	4	3	1	0	0	0	33	215
FRANCE	1	14	65	65	69	125	8	85	160	592	1131
WEST GERMANY	308	265	311	395	275	351	135	95	136	2271	2370
IRELAND	72	6	8	44	7	1	2	2	2	144	385
ITALY	23	0	6	9	5	12	14	36	11	116	348
NETHERLANDS	24	1	12	12	12	61	0	0	--	122	179
UNITED KINGDOM	20	46	10	10	44	13	120	197	138	598	635
JAPAN	1202	782	1185	1094	1030	1052	872	1195	682	9094	9557
TAIWAN	0	13	0	0	0	32	5	32	0	82	415
ALL OTHER COUNTRIES[3]	32	11	4	8	1	14	8	23	71	172	693
TOTAL N.C. YARN	1768	1307	1715	1880	1541	2012	1223	1667	2641	15754	16355
NON-CELLULOSIC STAPLE+TOW											
CANADA	176	225	418	479	274	40	40	88	111	1851	850
WEST GERMANY	1158	793	719	1065	988	990	963	334	622	7632	8136
ITALY	99	17	134	157	165	221	97	80	51	1021	2533
ROMANIA	201	25	19	0	30	47	132	25	0	479	1278
UNITED KINGDOM	400	276	110	294	223	183	78	131	78	1773	2740
JAPAN	694	300	620	706	599	459	602	296	576	4852	6532
TAIWAN	162	1458	1491	778	1138	832	884	974	914	8631	7833
ALL OTHER COUNTRIES[4]	17	15	76	67	27	3	13	3	26	247	475
TOTAL N.C. STAPLE	2907	3109	3587	3546	3444	2775	2809	1931	2378	26486	30377

Other countries supplying 1980 poundages are:
1. Austria 39, Iraq 109, Korea 120, Spain 39, Sweden 41 & Yugoslavia 44.
2. Belgium 5, Egypt 2, Finland 1, France 100, India 42, Mexico 1 & USSR 1.
3. Australia 1, Austria 1, Greece 15, Israel 38, Korea 9, Mexico 23, Portugal 5, Spain 62 & Switzerland 18.
4. Belgium 3, Costa Rica 1, France 45, Hong Kong 4, India 41, Ireland 1, Israel 11, Mexico 24, Netherlands 4, Poland 53, Spain 53 & Switzerland 7.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1980 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[1] 1980	1979
TOTAL SHIPMENTS[3]														
MAN-MADE FIBER DATA[2]														
YARN - MONOFILAMENTS[4]														
ACETATE	27.7	27.1	25.9	29.6	26.7	24.3	25.0	24.4	23.0	25.0			258.7	267.8
NYLON[5] - INDUSTRIAL[6]	41.9	41.2	43.2	39.2	33.2	27.8	32.2	31.0	36.7	41.9			368.3	407.7
- LOW DENIER INDUSTRIAL[7]	3.1	3.1	4.1	3.1	3.1	2.2	2.5	2.5	3.3	3.0			30.0	30.6
- CARPET	66.5	61.7	65.0	64.4	51.8	49.2	51.0	58.3	72.3	70.7			610.9	644.3
- TEXTILE	41.0	37.8	42.6	42.9	36.8	31.2	28.4	30.5	35.2	36.6			363.0	408.9
POLYESTER - INDUSTRIAL[6]	29.3	26.9	26.2	23.8	21.1	19.0	18.7	21.9	25.6	28.6			241.1	311.1
- LOW DENIER INDUSTRIAL[7]	2.6	2.6	3.1	2.9	2.7	2.4	2.1	1.9	2.5	2.1			24.9	27.1
- TEXTILE	104.7	98.8	109.4	104.0	90.2	85.6	85.3	94.2	96.8	101.9			970.9	1078.7
OLEFIN[8]	54.8	54.8	53.5	48.3	52.2	48.7	48.7	52.2	50.8	55.8			519.8	535.6
TOTAL NON-CELLULOSIC ABOVE[9]	343.9	326.9	347.1	328.6	291.1	266.1	268.9	292.5	323.2	340.6			3128.9	3444.0
STAPLE - TOW - FIBERFILL[10]														
RAYON	44.2	40.1	43.9	41.0	35.0	34.4	32.1	34.5	36.9	37.9			380.0	455.4
NYLON[5]	71.4	58.4	50.9	48.0	45.5	45.8	56.5	63.3	75.5	76.1			591.4	797.5
ACRYLIC+MODACRYLIC	66.8	72.5	72.9	67.1	65.5	67.0	54.7	59.0	58.3	62.8			646.6	642.4
POLYESTER	219.6	226.9	201.4	207.3	199.4	188.2	176.2	209.6	217.2	230.4			2076.2	2054.3
OLEFIN+VINYON	9.9	9.7	10.7	9.4	8.9	8.5	8.2	10.1	9.7	11.9			97.0	101.6
TOTAL NON-CELLULOSIC ABOVE	367.7	367.5	335.9	331.8	319.3	309.5	295.6	342.0	360.7	381.2			3411.2	3595.8
END OF MONTH STOCK														
YARN - MONOFILAMENTS														
ACETATE	12.8	11.9	11.1	11.5	11.3	12.6	14.6	14.5	17.7	16.6			16.6	12.0
NYLON[5] - INDUSTRIAL[6]	39.5	39.7	38.0	41.2	42.1	42.8	34.5	31.7	30.0	25.6			25.6	32.4
- LOW DENIER INDUSTRIAL[7]	4.8	4.2	3.7	4.2	4.3	4.2	3.9	3.3	3.0	3.1			3.1	4.0
- CARPET	58.9	61.7	62.6	66.7	72.2	68.9	57.9	48.6	39.7	35.0			35.0	51.0
- TEXTILE	56.3	60.2	58.0	56.1	60.2	59.8	56.7	55.8	51.0	48.7			48.7	51.3
POLYESTER - INDUSTRIAL[6]	31.5	31.6	31.2	31.8	30.7	32.5	28.1	27.4	25.1	22.2			22.2	24.9
- LOW DENIER INDUSTRIAL[7]	2.5	2.8	2.4	1.7	2.0	2.5	2.7	3.7	4.0	4.1			4.1	2.2
- TEXTILE	121.4	120.9	111.3	110.5	107.3	96.9	92.5	86.3	91.7	92.7			92.7	123.0
OLEFIN[8]	71.1	69.8	72.1	76.6	78.0	75.7	73.8	73.5	70.8	69.9			69.9	65.8
TOTAL NON-CELLULOSIC ABOVE[9]	386.0	390.9	379.3	388.8	396.8	383.3	350.1	330.3	315.3	301.3			301.3	354.6
STAPLE - TOW - FIBERFILL														
RAYON	39.5	38.2	34.3	35.3	38.6	37.3	37.6	34.4	34.8	31.3			31.3	33.4
NYLON[5]	60.9	75.1	84.3	85.0	75.5	73.3	59.3	47.7	39.2	33.3			33.3	43.8
ACRYLIC+MODACRYLIC	63.1	60.4	54.9	54.6	52.5	53.0	57.5	57.8	63.1	65.0			65.0	58.3
POLYESTER	181.7	177.2	185.6	186.8	188.1	173.9	177.7	163.3	160.5	154.8			154.8	180.5
OLEFIN+VINYON	20.1	21.1	20.6	22.2	22.8	24.1	23.4	22.5	22.6	18.0			18.0	20.7
TOTAL NON-CELLULOSIC ABOVE	325.8	333.8	345.4	348.6	338.9	324.3	317.9	291.3	285.4	271.1			271.1	303.3
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	11.6	11.6	12.6	10.4	10.3	12.0	6.0	7.5	8.4				90.4	93.1
CARPET CLASS WOOL	0.9	0.8	1.0	0.7	0.7	0.8	0.6	0.9	0.8				7.2	8.0
TOTAL RAW WOOL	12.5	12.4	13.6	11.1	11.0	12.8	6.6	8.4	9.2				97.6	101.1
RAW COTTON	270.6	252.7	287.9	280.6	280.1	237.7	207.3	221.4	263.9	239.2			2541.4	2579.2

1. Year to date totals except for stock, which is the latest month's data.
2. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
3. Producers' total domestic plus export shipments.
4. Rayon yarn data are available annually only; see page 13 of the February issue.
5. Data for nylon includes aramid.
6. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
7. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
8. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
9. Saran and spandex data are not included in these totals. See page 13 of the February issue for annual data on these yarns.
10. Acetate staple+tow data are available annually only; see page 13 of the February issue.

ANNUAL BOUND ORGANON EDITION

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